



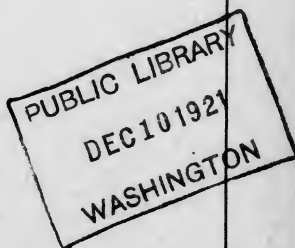
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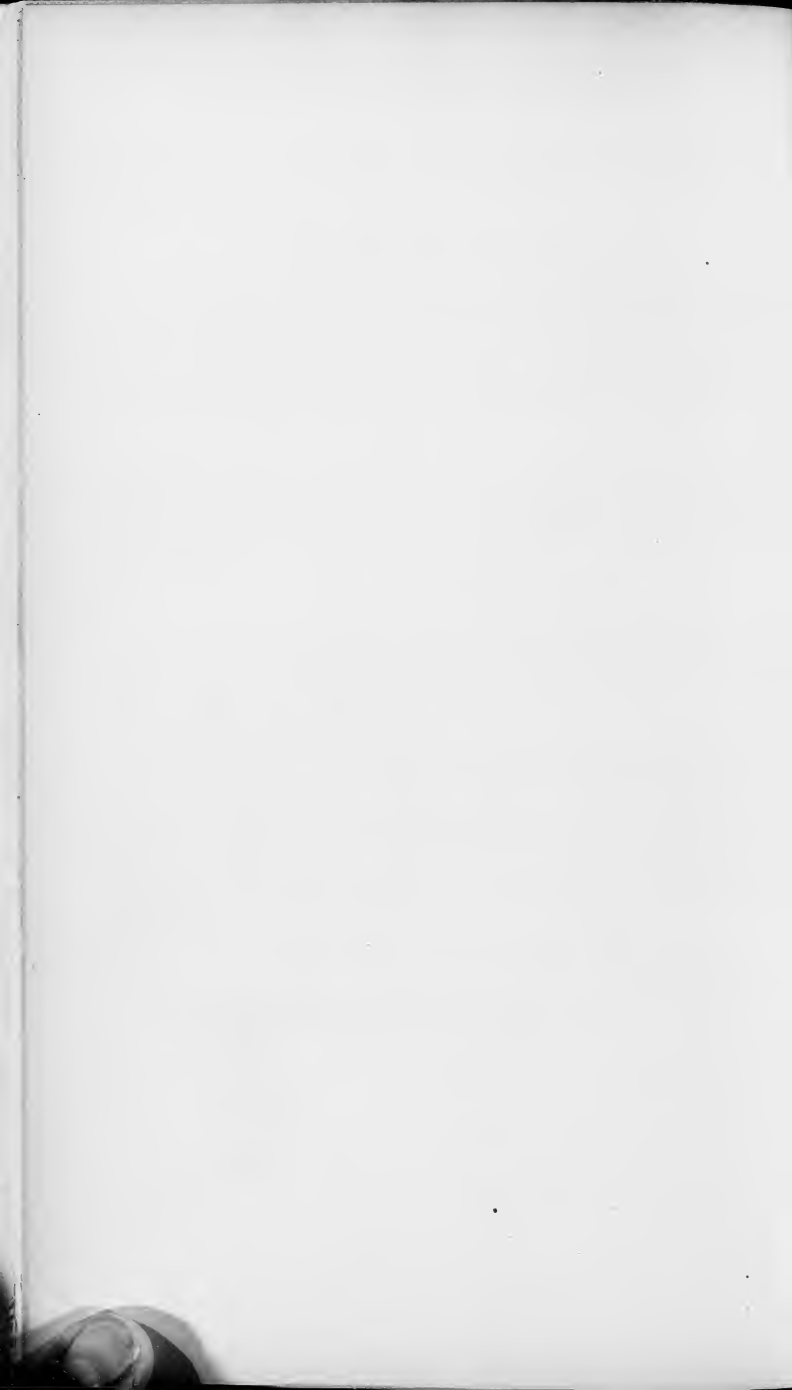
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ANNUAL REPORT OF THE
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YEAR ENDED JUNE 30, 1921

Vol. III
REPORT OF
THE HEALTH OFFICER



WASHINGTON
GOVERNMENT PRINTING OFFICE
1921



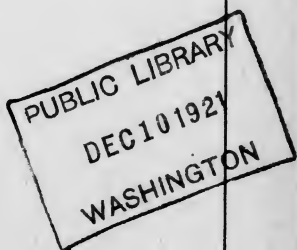
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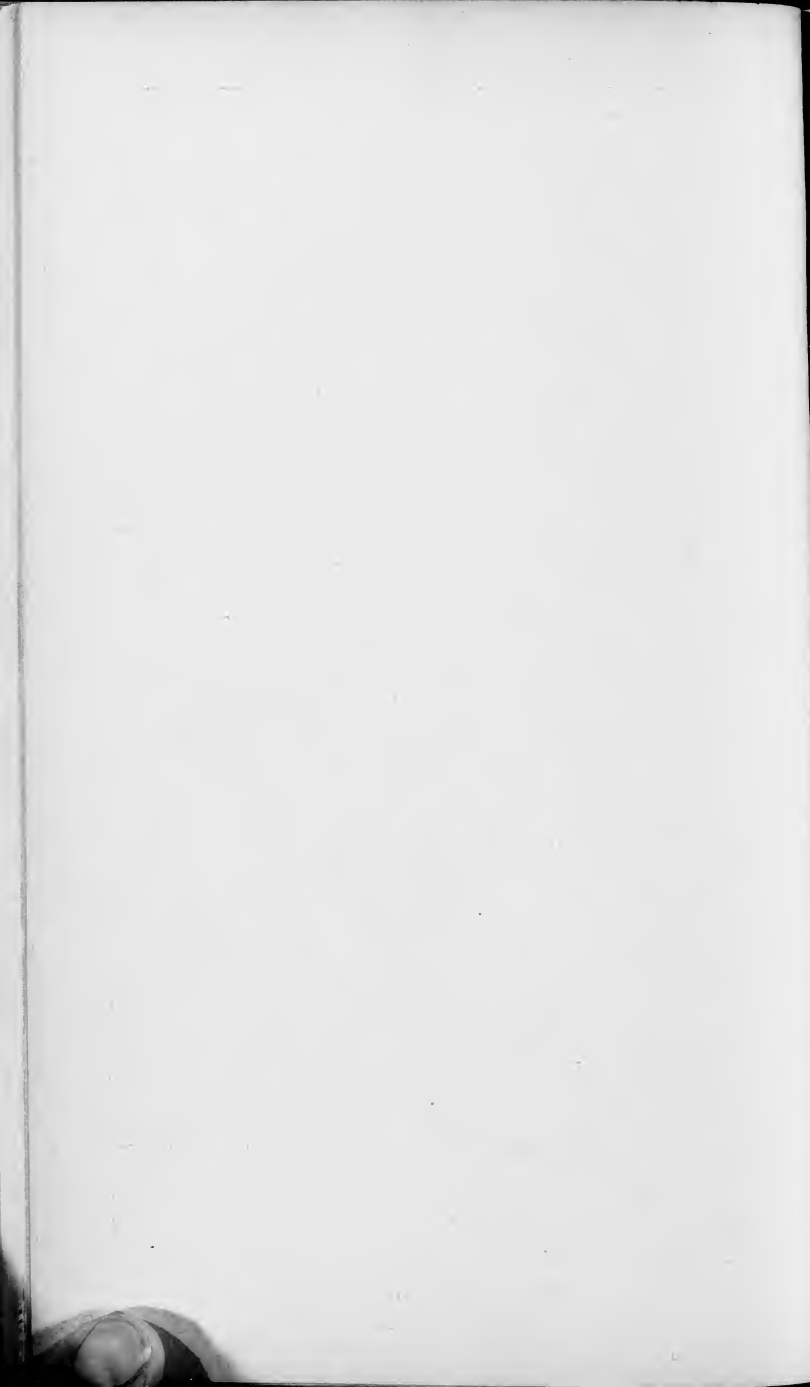
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REPORT OF HEALTH OFFICER.

HEALTH DEPARTMENT,
Washington, August 29, 1921.

GENTLEMEN: I have the honor to submit the following report of the activities of the health department for the fiscal year 1921. It is to be regretted that the very limited appropriation for the printing of the annual report this year has rendered it necessary to omit from this report much valuable information which has heretofore been furnished.

PART I.

PUBLIC HEALTH IN THE DISTRICT OF COLUMBIA DURING THE CALENDAR YEAR 1920.

Certain detailed statistics relating to births, stillbirths, deaths, and cases of reportable disease will be found in the appendix, to which reference must be made for information not found in the body of this report.

POPULATION.

The Federal Census of 1920 gave a total population of 437,571, of which 327,595 were white and 109,976 colored. The birth rates, stillbirth rates, death rates, and morbidity rates for the calendar year 1920 are based on this population.

GENERAL BIRTH RATES AND DEATH RATES.

The accompanying table gives the population and the number of births, stillbirths, and deaths recorded during the calendar year 1920 with similar data for previous years:

Population, births, stillbirths, and deaths in the District of Columbia, with corresponding rates during the calendar years 1901-1920, inclusive.

| Calendar year. | Population. | Births. | Stillbirths. | Deaths. | Rate per 1,000. | | |
|------------------------------|-------------|---------|--------------|---------|-----------------|--------------|---------|
| | | | | | Births. | Stillbirths. | Deaths. |
| 1901-1905 ¹ | 311,325 | 5,409 | 570 | 6,042 | 17.38 | 1.83 | 19.41 |
| 1906-1910 ¹ | 336,940 | 6,900 | 577 | 6,304 | 20.48 | 1.71 | 18.71 |
| 1911-1915 ¹ | 353,443 | 7,028 | 478 | 6,188 | 19.88 | 1.35 | 17.50 |
| 1916..... | 359,997 | 7,258 | 417 | 6,494 | 20.16 | 1.15 | 18.04 |
| 1917..... | 395,947 | 7,519 | 424 | 6,687 | 18.99 | 1.07 | 16.89 |
| 1918..... | 417,405 | 8,221 | 512 | 9,582 | 19.69 | 1.23 | 22.95 |
| 1919..... | 455,428 | 8,231 | 528 | 6,372 | 18.07 | 1.16 | 13.99 |
| 1920..... | 437,571 | 8,898 | 538 | 6,463 | 20.34 | 1.83 | 14.77 |

¹ Average for 5-year period.

These figures show an increase in the live birth rate from 18.07 in 1919 to 20.34 in 1920 for each 1,000 population, based on the 8,898 births reported.

Births.—An analysis of registered live births and stillbirths according to race will be found in the following table:

Nativity in the District of Columbia, by years and by race, during the calendar years 1906-1920, inclusive.

| Calendar year. | Births and stillbirths registered. | | | | Rate per 1,000 of corresponding population. | | |
|------------------------------|------------------------------------|----------|-----------|--------|---|----------|--------|
| | White. | Colored. | Un-known. | Total. | White. | Colored. | Total. |
| 1906-1910 ¹ | 4,832 | 2,583 | 62 | 7,427 | 20.1 | 26.7 | 22.2 |
| 1911-1915 ¹ | 4,962 | 2,483 | 61 | 7,506 | 19.5 | 25.3 | 21.0 |
| 1916..... | 5,213 | 2,408 | 54 | 7,675 | 20.0 | 24.3 | 21.3 |
| 1917..... | 5,491 | 2,412 | 40 | 7,943 | 18.7 | 23.5 | 20.1 |
| 1918..... | 6,305 | 2,393 | 35 | 8,733 | 20.2 | 22.9 | 20.9 |
| 1919..... | 6,186 | 2,511 | 62 | 8,759 | 18.1 | 21.9 | 19.2 |
| 1920..... | 6,585 | 2,787 | 64 | 9,436 | 20.1 | 25.3 | 21.6 |

¹ Average for 5-year period.

The following table shows the frequency of stillbirths according to race. The percentage of illegitimate stillbirths diminished from 13.1 in 1919 to 11.8 in 1920.

Stillbirths in the District of Columbia, relative frequency of, with reference to race, during the calendar years 1906-1920, inclusive.

| Calendar year. | Registered stillbirths. | | | | Rate per 1,000. | | |
|------------------------------|-------------------------|----------|-----------|--------|-----------------|----------|--------|
| | White. | Colored. | Un-known. | Total. | White. | Colored. | Total. |
| 1906-1910 ¹ | 200 | 315 | 62 | 577 | 0.8 | 3.2 | 1.7 |
| 1911-1915 ¹ | 168 | 250 | 61 | 478 | .7 | 2.5 | 1.3 |
| 1916..... | 171 | 192 | 54 | 417 | .7 | 1.9 | 1.2 |
| 1917..... | 200 | 184 | 40 | 424 | .7 | 1.8 | 1.1 |
| 1918..... | 242 | 235 | 35 | 512 | .8 | 2.2 | 1.2 |
| 1919..... | 222 | 244 | 62 | 528 | .6 | 2.1 | 1.2 |
| 1920..... | 216 | 258 | 64 | 538 | .7 | 2.3 | 1.2 |

¹ Average for 5-year period.

Percentage of stillbirths of each class named below computed upon the basis of all live and stillbirths together for each class.

| Calendar year. | By race. | | | Social status. | |
|------------------------------|----------|----------|--------|----------------|---------------|
| | White. | Colored. | Total. | Legitimate. | Illegitimate. |
| 1906-1910 ¹ | 4.1 | 12.2 | 7.7 | 5.6 | 14.9 |
| 1911-1915 ¹ | 3.4 | 10.0 | 6.4 | 4.8 | 12.6 |
| 1916..... | 3.3 | 8.0 | 5.4 | 4.1 | 13.4 |
| 1917..... | 3.6 | 7.6 | 5.3 | 5.0 | 9.5 |
| 1918..... | 3.8 | 9.8 | 5.9 | 4.9 | 13.5 |
| 1919..... | 3.6 | 9.7 | 6.0 | 4.8 | 13.1 |
| 1920..... | 3.3 | 9.3 | 5.7 | 4.6 | 11.8 |

¹ Average for 5-year period.

Stillbirths in the District of Columbia, relative frequency of, in home and hospital practice during the calendar year 1920.

| Place of birth. | White. | | | Colored. | | | Total. | | | |
|-------------------|--------------|---------------|--|--------------|---------------|--|--------------|---------------|--|------------------------------|
| | Live births. | Still-births. | Per-centage of still to live and still-births. | Live births. | Still-births. | Per-centage of still to live and still-births. | Live births. | Still-births. | Per-centage of still to live and still-births. | Still-births, un-known race. |
| Institutions..... | 3,691 | 139 | 4.2 | 831 | 89 | 9.1 | 4,522 | 228 | 4.8 | ..... |
| Homes..... | 2,678 | 77 | 2.8 | 1,698 | 169 | 9.0 | 4,376 | 246 | 5.3 | ..... |
| Total..... | 6,369 | 216 | 3.2 | 2,529 | 258 | 9.2 | 8,898 | 474 | 5.1 | 64 |

¹ Unknown race reported by coroner; presumably "home births."

Stillbirths in the District of Columbia, according to professional attendance, relative frequency of, in home and hospital practice during calendar year 1920.

| Attended by— | Confined at home. | | Confined at hospital. | | Percentage of still to live births and still births. | | |
|-----------------|-------------------|-----------------|-----------------------|---------------|--|------------|----------------------|
| | Live births. | Still-births. | Live births. | Still-births. | Homes. | Hospitals. | Homes and hospitals. |
| Physicians..... | 3,897 | 242 | 4,522 | 228 | 5.8 | 4.8 | 5.3 |
| Midwives..... | 479 | 6 | ..... | ..... | 1.3 | ..... | ..... |
| Unknown..... | ..... | ¹ 62 | ..... | ..... | ..... | ..... | ..... |
| Total..... | 4,376 | 310 | 4,522 | 228 | 6.6 | 4.8 | 5.7 |

¹ Certified by coroner; "unknown" presumably home births.

Illegitimacy in the District of Columbia, prevalence of, by years and by race, during the calendar years 1906-1920, inclusive.

| | Illegitimate births and still-births registered. | | | | Rates per 1,000 corresponding population. | | | Percentage of all births and stillbirths reported as illegitimate. | | |
|------------------------------|--|----------|-----------|--------|---|----------|--------|--|----------|--------|
| | White. | Colored. | Un-known. | Total. | White. | Colored. | Total. | White. | Colored. | Total. |
| 1906-1910 ¹ | 110 | 572 | ..... | 682 | 0.5 | 5.9 | 2.0 | 2.3 | 22.1 | 9.2 |
| 1911-1915 ¹ | 111 | 541 | 67 | 719 | .4 | 5.5 | 2.1 | 2.2 | 21.7 | 9.6 |
| 1916..... | 89 | 466 | 55 | 610 | .3 | 4.7 | 1.7 | 1.7 | 19.3 | 7.3 |
| 1917..... | 122 | 475 | 40 | 637 | .4 | 4.6 | 1.5 | 2.2 | 19.7 | 7.5 |
| 1918..... | 93 | 403 | 36 | 532 | .3 | 3.9 | 1.2 | 1.5 | 16.8 | 5.6 |
| 1919..... | 120 | 451 | 63 | 634 | .4 | 3.9 | 1.4 | 1.9 | 17.9 | 6.6 |
| 1920..... | 134 | 467 | 64 | 665 | .4 | 4.2 | 1.5 | 2.0 | 16.7 | 7.1 |

¹ Average for 5-year period.

Illegitimacy in the District of Columbia; ages of mothers of illegitimate children whose births and stillbirths were recorded during the calendar years 1911-1920, inclusive.

| Calendar year. | Age of mothers. | | | | | | | | | | | Total. | |
|----------------|-----------------|----|----|----|----|----|-----|----|-----|-----------------|--------------|--------|-----------------|
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | Total under 21. | 21 and over. | | Age not stated. |
| 1911..... | | 3 | 4 | 17 | 33 | 49 | 54 | 51 | 46 | 257 | 204 | 182 | 643 |
| 1912..... | | 1 | 7 | 19 | 52 | 77 | 90 | 76 | 57 | 379 | 225 | 170 | 774 |
| 1913..... | 1 | 1 | 4 | 29 | 55 | 80 | 98 | 82 | 62 | 412 | 275 | 6 | 693 |
| 1914..... | | 1 | 8 | 15 | 53 | 67 | 106 | 62 | 49 | 361 | 215 | 29 | 605 |
| 1915..... | | 1 | 7 | 18 | 51 | 80 | 84 | 66 | 60 | 367 | 233 | 14 | 614 |
| 1916..... | | 1 | 9 | 18 | 50 | 64 | 72 | 81 | 43 | 338 | 200 | 17 | 555 |
| 1917..... | | 8 | 25 | 39 | 78 | 93 | 62 | 62 | 367 | 213 | 17 | 597 | |
| 1918..... | | 1 | 7 | 20 | 39 | 49 | 42 | 58 | 41 | 257 | 148 | 24 | 429 |
| 1919..... | | 1 | 6 | 22 | 43 | 54 | 62 | 62 | 28 | 278 | 191 | 27 | 496 |
| 1920..... | | | 13 | 22 | 38 | 83 | 62 | 51 | 38 | 307 | 194 | 30 | 531 |

Midwives and lying-in hospitals in the District of Columbia: Live births reported by midwives and from institutions during the calendar years 1906-1920, inclusive.

| Calendar year. | Number reported. | | | Percentage reported. | |
|------------------------------|------------------|--------------------|--------------|----------------------|--------------|
| | Total. | From institutions. | By midwives. | From institutions. | By midwives. |
| 1906-1910 ¹ | 6,900 | 1,286 | 1,295 | 18.6 | 18.8 |
| 1911-1915 ¹ | 7,028 | 1,998 | 828 | 28.4 | 11.8 |
| 1916..... | 7,258 | 2,690 | 558 | 37.1 | 7.7 |
| 1917..... | 7,519 | 3,317 | 508 | 44.1 | 6.8 |
| 1918..... | 8,221 | 3,928 | 463 | 47.8 | 5.6 |
| 1919..... | 8,231 | 3,919 | 454 | 47.6 | 5.5 |
| 1920..... | 8,898 | 4,522 | 479 | 50.8 | 5.3 |

¹ Average for 5-year period.

STATISTICS OF ILLNESS AND DEATHS.

General mortality.—During the calendar year 1920, 6,463 deaths occurred as compared with 6,372 for the previous year. These figures show an increase of 91 deaths over the previous year. The death rate also increased from 13.99 in 1919 to 14.77 during the year just closed.

Racial population, deaths, and death rates in the District of Columbia, by calendar years, from 1901 to 1920, inclusive.

| Years. | Population. | | Deaths. | | Death rates. | |
|------------------------------|-------------|----------|---------|----------|--------------|----------|
| | White. | Colored. | White. | Colored. | White. | Colored. |
| 1901-1905 ¹ | 217,606 | 93,719 | 3,395 | 2,647 | 15.60 | 28.20 |
| 1906-1910 ¹ | 240,244 | 96,696 | 3,626 | 2,678 | 15.09 | 27.69 |
| 1911-1915 ¹ | 255,162 | 98,281 | 3,665 | 2,523 | 14.36 | 25.67 |
| 1916..... | 260,854 | 99,143 | 3,953 | 2,541 | 15.15 | 25.63 |
| 1917..... | 293,329 | 102,618 | 4,070 | 2,617 | 13.88 | 25.50 |
| 1918..... | 312,806 | 104,599 | 6,262 | 3,320 | 20.02 | 31.74 |
| 1919..... | 340,796 | 114,632 | 4,100 | 2,272 | 12.03 | 19.82 |
| 1920..... | 327,595 | 109,976 | 4,174 | 2,289 | 12.74 | 20.81 |

¹ Average for 5-year period.

Mortality by age periods.—During the year 90 deaths occurred in the first year of life to each 1,000 reported births. The death rate for the previous year was 85 for each 1,000 of reported births.

The most potent causes of death during the calendar year 1920, arranged in order of the gravity of their influence on death rates, are shown in the following table:

Most potent causes of deaths in the District of Columbia, during the calendar years 1915, 1916, 1917, 1918, 1919, and 1920, arranged in order of relative influence on the death rate per 100,000 in the latest year, and the annual averages for the five-year periods 1906-1910 and 1911-1915.

| Causes of death. | Annual average 1906-1910. | | Annual average 1911-1915. | | 1916 | | 1917 | | 1918 | | 1919 | | 1920 | |
|---------------------------------------|---------------------------|-------------|---------------------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| | Deaths. | Death rate. | Deaths. | Death rate. | Deaths. | Death rate. | Deaths. | Death rate. | Deaths. | Death rate. | Deaths. | Death rate. | Deaths. | Death rate. |
| Pneumonia (all forms)..... | 554 | 163 | 547 | 155 | 604 | 168 | 636 | 161 | 1,298 | 229 | 635 | 139 | 868 | 198 |
| Organic heart disease..... | 509 | 169 | 732 | 208 | 716 | 199 | 777 | 196 | 809 | 194 | 653 | 143 | 683 | 156 |
| Pulmonary tuberculosis..... | 749 | 222 | 687 | 194 | 646 | 179 | 594 | 150 | 647 | 155 | 563 | 124 | 492 | 112 |
| Cerebral hemorrhage (apoplexy)..... | 327 | 97 | 413 | 117 | 463 | 129 | 490 | 124 | 539 | 129 | 488 | 107 | 477 | 109 |
| Bright's disease (chronic)..... | 442 | 131 | 545 | 154 | 588 | 163 | 639 | 161 | 624 | 150 | 453 | 99 | 441 | 101 |
| Malignant growths..... | 276 | 82 | 339 | 96 | 387 | 108 | 420 | 106 | 418 | 100 | 402 | 92 | 417 | 96 |
| Grippe (influenza)..... | 96 | 28 | 71 | 20 | 112 | 31 | 106 | 27 | 2,028 | 486 | 388 | 85 | 282 | 64 |
| Accidents..... | 264 | 74 | 234 | 66 | 240 | 67 | 319 | 81 | 311 | 73 | 275 | 60 | 258 | 59 |
| Prematurity..... | 215 | 61 | 204 | 58 | 181 | 50 | 208 | 53 | 258 | 62 | 198 | 43 | 243 | 55 |
| Arteriosclerosis..... | 84 | 25 | 120 | 34 | 179 | 50 | 144 | 36 | 195 | 47 | 187 | 41 | 176 | 40 |
| Diarrhea, etc., under 2 years..... | 305 | 91 | 192 | 54 | 175 | 49 | 227 | 57 | 205 | 49 | 155 | 34 | 136 | 31 |
| Endocarditis and myocarditis..... | 72 | 21 | 57 | 16 | 146 | 41 | 158 | 40 | 183 | 44 | 113 | 25 | 128 | 29 |
| Bronchitis..... | 128 | 38 | 93 | 26 | 77 | 21 | 59 | 15 | 92 | 22 | 67 | 15 | 75 | 17 |
| Nephritis (acute)..... | 59 | 18 | 68 | 19 | 75 | 20 | 77 | 19 | 79 | 19 | 65 | 14 | 70 | 16 |
| Diarrhea, etc., 2 years and over..... | 72 | 21 | 63 | 18 | 64 | 18 | 68 | 17 | 84 | 20 | 56 | 12 | 66 | 15 |
| Senility..... | 200 | 59 | 156 | 44 | 121 | 34 | 126 | 32 | 93 | 22 | 72 | 16 | 64 | 14 |
| Diphtheria..... | 32 | 10 | 24 | 7 | 33 | 9 | 37 | 9 | 39 | 9 | 119 | 26 | 64 | 14 |
| Diabetes..... | 41 | 12 | 58 | 16 | 68 | 19 | 65 | 16 | 66 | 16 | 73 | 16 | 57 | 13 |
| Appendicitis..... | 33 | 10 | 41 | 11 | 40 | 11 | 47 | 12 | 47 | 11 | 60 | 13 | 57 | 13 |
| Homicides..... | 26 | 7 | 29 | 8 | 38 | 11 | 33 | 8 | 62 | 15 | 61 | 13 | 54 | 12 |
| Suicides..... | 71 | 21 | 81 | 23 | 88 | 24 | 76 | 19 | 77 | 18 | 56 | 12 | 42 | 10 |
| General paralysis of insane..... | 33 | 10 | 53 | 15 | 71 | 20 | 80 | 20 | 80 | 19 | 56 | 12 | 42 | 10 |

Reportable diseases.—The following table shows the prevalence of reportable diseases:

Reportable diseases in the District of Columbia: Cases, case rates, deaths, percentage of fatalities, and death rates during the calendar years 1918, 1919, and 1920.

| Diseases. | Cases. | | | Case rate per 100,000. | | | Deaths. | | | Percentage of deaths to cases. | | | Death rate per 100,000. | | |
|--|--------|-------|-------|------------------------|------|-------|---------|-------|-------|--------------------------------|-------|-------|-------------------------|-------|-------|
| | 1918 | 1919 | 1920 | 1918 | 1919 | 1920 | 1918 | 1919 | 1920 | 1918 | 1919 | 1920 | 1918 | 1919 | 1920 |
| Anterior poliomyelitis..... | 2 | 10 | 4 | 5 | 2 | 9.0 | ..... | ..... | 2 | ..... | ..... | 50.0 | ..... | ..... | 0.5 |
| Chicken pox..... | 728 | 1,213 | 1,248 | 174 | 268 | 285.2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Diphtheria..... | 517 | 1,105 | 717 | 124 | 257 | 163.6 | 39 | 119 | 64 | 7.5 | 10.2 | 8.9 | 9.3 | 26.1 | 14.6 |
| Epidemic cerebrospinal meningitis..... | 118 | 11 | 6 | 28 | 3 | 1.3 | 28 | 8 | 3 | 23.7 | 61.5 | 50.0 | 6.7 | 1.8 | .7 |
| Measles..... | 6,999 | 182 | 581 | 1,677 | 41 | 132.7 | 48 | 1 | 2 | .7 | .5 | .3 | 11.5 | .2 | .4 |
| Pellagra..... | 14 | 12 | 5 | 3 | 2 | 1.1 | 9 | 10 | 5 | 64.3 | 83.3 | 100.0 | 2.1 | 2.2 | 1.1 |
| Scarlet fever..... | 883 | 643 | 774 | 212 | 146 | 176.9 | 16 | 3 | 8 | 1.8 | .4 | 1.0 | 3.8 | .7 | 1.8 |
| Smallpox..... | 48 | 173 | 89 | 12 | 38 | 20.3 | ..... | 1 | ..... | ..... | .6 | ..... | ..... | .2 | ..... |
| Tuberculosis (communicable)..... | 1,140 | 1,209 | 1,189 | 273 | 265 | 271.7 | 690 | 600 | 573 | 60.5 | 49.6 | 48.2 | 165.3 | 131.7 | 131.0 |
| Typhoid fever..... | 217 | 150 | 159 | 72 | 33 | 36.3 | 48 | 16 | 29 | 22.1 | 10.6 | 18.2 | 11.5 | 3.5 | 6.6 |
| Whooping cough..... | 1,749 | 905 | 1,207 | 419 | 199 | 27.6 | 43 | 19 | 16 | 2.5 | 2.2 | 1.3 | 10.3 | 4.2 | 3.7 |

DISPOSAL OF THE DEAD.

The following table shows the ultimate disposal of the dead in the District of Columbia during the year ending December 31, 1920:

Disposal of dead bodies, exclusive of stillbirths, coming under the supervision of the health department during the calendar year 1920.

| | Died in District of Columbia. | Died outside of District of Columbia and brought in for disposal. | Total. |
|---------------------------------------|-------------------------------|---|--------|
| Sent out of the District of Columbia: | | | |
| To Arlington..... | 298 | 40 | 338 |
| To other places..... | 1,883 | 63 | 1,946 |
| Total..... | 2,181 | 103 | 2,284 |
| Cremated: | | | |
| Lee's crematory..... | 40 | 21 | 61 |
| Municipal crematory..... | 208 | 12 | 220 |
| Total..... | 248 | 33 | 281 |
| Buried in District of Columbia..... | 3,996 | 566 | 4,562 |
| Anatomical board..... | 38 | | 38 |
| Total..... | 4,034 | 566 | 4,600 |
| Total disposed of..... | 6,463 | 702 | 7,165 |

Cremation.—The following table shows the progress of cremation in the District of Columbia.

Progress of cremation in the District of Columbia, calendar years 1901–1920, inclusive.

| Calendar year. | Bodies cremated. ¹ | | | | Percentage of cremations. |
|----------------|-------------------------------|------------------|---------------------------------|--------|---------------------------|
| | Total deaths. | Lee's crematory. | District of Columbia crematory. | Total. | |
| 1901..... | 6,059 | 27 | | 27 | 0.45 |
| 1902..... | 5,788 | 21 | | 21 | .36 |
| 1903..... | 5,944 | 41 | | 41 | .69 |
| 1904..... | 6,221 | 20 | | 20 | .32 |
| 1905..... | 6,205 | 43 | | 43 | .69 |
| 1906..... | 6,316 | 41 | | 41 | .65 |
| 1907..... | 6,343 | 50 | | 50 | .79 |
| 1908..... | 6,136 | 54 | 245 | 99 | 1.61 |
| 1909..... | 6,216 | 50 | 316 | 366 | 5.88 |
| 1910..... | 6,511 | 48 | 334 | 382 | 5.87 |
| 1911..... | 6,303 | 52 | 319 | 371 | 5.89 |
| 1912..... | 6,259 | 52 | 323 | 375 | 5.99 |
| 1913..... | 6,006 | 57 | 295 | 352 | 5.86 |
| 1914..... | 5,866 | 59 | 230 | 289 | 4.93 |
| 1915..... | 6,505 | 67 | 298 | 365 | 5.61 |
| 1916..... | 6,494 | 53 | 272 | 325 | 5.00 |
| 1917..... | 6,687 | 59 | 277 | 336 | 5.00 |
| 1918..... | 9,582 | 79 | 275 | 354 | 3.69 |
| 1919..... | 6,372 | 54 | 230 | 284 | 4.46 |
| 1920..... | 6,463 | 64 | 222 | 286 | 4.42 |

¹ Stillbirths excluded.

² Began to operate October, 1908.

COMMUNICABLE DISEASES OF ANIMALS.

Rabies.—The extent to which rabies prevailed in the District of Columbia during the calendar year 1920 is shown in the following table:

Rabies in the District of Columbia during the calendar year 1920, together with corresponding data for the preceding year.

| | Calendar year. | |
|---|----------------|------|
| | 1919 | 1920 |
| Dogs reported to the health department as rabid or suspected of being rabid..... | 29 | 24 |
| Other animals reported as rabid or suspected of being rabid..... | 3 | 3 |
| Instances in which diagnosis of rabies was confirmed by post-mortem findings of the Bureau of Animal Industry..... | 15 | 9 |
| Persons bitten by dogs or cats, rabid or suspected of being rabid..... | 30 | 18 |
| Domestic animals bitten by dogs, rabid or suspected of being rabid (1919, 8 dogs, 3 cats; 1920, 2 dogs and 2 horses)..... | 11 | 4 |
| Persons bitten by dogs and cats and other animals known to be rabid, as shown by post-mortem findings of the Bureau of Animal Industry..... | 16 | 5 |

As rabies continued to prevail in the District of Columbia, the commissioners, on June 22, 1920, renewed their proclamation of previous years requiring the muzzling of all dogs running at large. This proclamation became effective July 9, 1920, and continued for a period of one year.

INFLUENZA.

The presence of influenza in the District of Columbia continued during the calendar year 1920, there being 4,115 cases and 282 deaths reported. These figures show a slight decrease over the previous year in the number of cases reported and a decrease of 106 in the number of deaths. From January 1, 1921, to June 30, 1921, only 41 cases were reported.

ENCEPHALITIS LETHARGICA (SLEEPING SICKNESS).

This disease prevailed to some extent during the calendar year 1920, there being 39 cases with 7 deaths reported. The cause of the disease and its method of transmission remains still undetermined.

PART II.

ADMINISTRATION.

BUREAU OF PREVENTABLE DISEASES.

The following table shows the amount and character of the work done in the contagious-disease service during the fiscal year 1921:

Reportable diseases in the District of Columbia: Cases reported during the fiscal year 1920-21.

| Diseases. | Fiscal year. | |
|--|--------------|----------|
| | 1920 | 1921 |
| Anterior poliomyelitis..... | 11 | 7 |
| Chicken pox..... | 1, 227 | 1, 162 |
| Diphtheria..... | 886 | 735 |
| Epidemic cerebrospinal meningitis..... | 8 | 7 |
| Leprosy..... | 1 | 1 |
| Measles..... | 453 | 4, 188 |
| Pellagra..... | 11 | 3 |
| Scarlet fever..... | 687 | 908 |
| Smallpox..... | 79 | 51 |
| Tuberculosis..... | 1, 192 | 1, 203 |
| Typhoid fever..... | 151 | 191 |
| Whooping cough..... | 846 | 1, 583 |
| Influenza..... | 4, 323 | 108 |
| Total..... | 19, 869 | 110, 086 |

¹ The totals in this table include, for the year 1920, 260 cases, and 1921, 135 cases, reported from the various military cantonments located within the District of Columbia.

Smallpox hospital, quarantine station, and leper hospital.—During the fiscal year 1921 the smallpox hospital cared for 41 patients. The institution was in active operation 176 days, the total number of patient-days' service rendered being 446. Each patient stayed in the hospital an average of 10.9 days.

The quarantine station was in active operation 111 days and cared for 37 inmates. The total number of patient-days' service rendered was 217. The average stay of each inmate was 6 days.

The leper hospital was in active operation 248 days. At the close of the fiscal year 1920 the health department had in its custody one leper only, who arrived in Washington March 25, 1920. On November 26, 1920, another leper was discovered in the District. This patient, a white man, who gave his birthplace as Pennsylvania, arrived in Washington November 26, 1920. He had traveled extensively about the country before coming to Washington, and had escaped from confinement in the State of Nebraska. He was taken in charge and placed in the leper hospital. After persistent efforts arrangements were finally made to transfer these two lepers to the national leprosarium at Carville, La. These patients left Washington on the night of March 5, 1921, in company with Dr. John L. Norris, assistant health officer, who saw that they arrived safely at the institution at Carville. Since the removal of these two patients, the leper hospital has been closed.

Ambulance service.—During the fiscal year this ambulance conveyed to the hospital for minor contagious diseases 504 patients. As heretofore, patients suffering from smallpox were removed to the smallpox hospital in the ambulance provided for that purpose.

Isolation wards at Garfield Memorial and Providence Hospitals.—The following table shows the service rendered by the isolating wards at Garfield Memorial and Providence Hospitals:

Isolating wards, Garfield Memorial and Providence Hospitals: Service and expenses during the fiscal year 1921.

| Institution. | Pay patient days. | Free patient days. | Total patient days.. | Total appropriated by the Government. | Paid by the District for year. | Cost to District per free patient per day. | Amount received from pay patients. |
|---------------------------------|-------------------|--------------------|----------------------|---------------------------------------|--------------------------------|--|------------------------------------|
| Garfield Memorial Hospital..... | 4, 839 | 3, 594 | 8, 433 | 10, 000 | 10, 000 | \$2. 70 | \$11, 400. 0 |
| Providence Hospital..... | 1, 286 | 1, 595 | 2, 881 | 6, 500 | 5, 992 | 3. 75 | (1) |

¹ No account of money received from pay patients was rendered by Providence Hospital.

Disinfecting service.—During the fiscal year 1921, 2,265 premises were disinfected and 982 articles exposed to infection on such premises or in some other way were disinfected at the disinfecting station. These figures show a considerable increase over the previous year in the amount of work done in the service.

Public crematorium.—The total number of bodies cremated during the fiscal year 1921 was 483, of which 55 were adults, 136 infants, and 292 stillborn babies. The amount received from 63 private cremations was \$1,650. The revenue received from the private cremations each year is nearly sufficient to pay the total cost of maintenance of the crematory.

Bacteriological laboratory.—During the fiscal year 1921, 16,661 specimens of various kinds were examined. Of the specimens examined during the year, 11,000 were for the diagnosis of diphtheria, 1,164 specimens of sputum were examined for tuberculosis, of which 226 showed the presence of the bacillus. These figures show a less amount of work done than in the preceding year. This was due in large measure to the lack of laboratory assistants, occasioned by the difficulty in obtaining and keeping of competent technicians.

Serological laboratory.—The work in this laboratory increased over the preceding year. In 1920, 3,313 specimens of various kinds were examined, while during the year just closed 3,856 specimens were examined. Specimens of blood to the number of 581 were examined for the Widal reaction for typhoid fever.

Bathing pools.—Samples of water numbering 514 were collected from the various public bathing pools and examined. The bacteriological findings showed an improvement over the condition prevailing during the previous years. It is believed the results obtained from these examinations more than justify the expenditure involved in making said examinations.

Milk and cream.—The milk and cream supply of the city has been carefully watched during the year and everything possible done to protect the community against an impure product.

Complement-fixation tests.—A very considerable increase is noted in the number of Wassermann reactions performed this year over the number done in previous fiscal years. It is believed that the interest in venereal disease has been responsible for this increased number of specimens submitted.

Diphtheria antitoxin.—There were dispensed during the fiscal year, 132 syringes containing 10,000 units each, and 224 syringes containing 5,000 units each, and 22 syringes of 1,000 units each of

diphtheria antitoxin for the use in the cases of patients who were unable to purchase it without financial hardship.

A clinic has been operated twice each week for the vaccination, without cost, against smallpox and typhoid fever, of persons desiring to avail themselves of the opportunity to protect themselves against these diseases.

Dispensaries.—Tuberculosis clinic: During the fiscal year 1921, 909 physical examinations were made. These figures show an increase over the previous year. Visits to the number of 5,197 were made by patients to the clinic. During the year, 5,186 visits were made by nurses to the homes of patients, 142 of which were for bedside assistance and the remainder for instructive purposes. X-ray pictures taken numbered 1,365, being an increase of 533 over the previous year. The X-ray apparatus has been of great value in detecting incipient cases of tuberculosis.

Venereal disease clinic: New patients to the number of 1,582 were admitted to the venereal disease clinic during the fiscal year 1921, an increase of 408 over last year. The patients, together with those under treatment at the close of the fiscal year 1920, made 9,283 visits to the clinic, being an increase of 4,082 visits over the preceding year. The nurse made 273 visits to the homes of patients. It is interesting to note that of the 1,582 new patients entered at the clinic, 607 ranged between the ages of 15 and 25 years. Salvarsan injections totaling 2,957 in the treatment of persons suffering from syphilis were given.

The venereal disease clinic has grown very rapidly, as will be seen from the foregoing figures. The amount of the appropriation for the maintenance of the tuberculosis and venereal disease clinics is entirely inadequate, and during the fiscal year just closed the funds became exhausted before the close of the year, rendering it necessary for the entire personnel, including the janitor and his wife, to work without compensation of any kind, or else to close the clinic.

During the year a deficiency appropriation of \$750 was obtained, but even with this additional money it was not sufficient to carry on the work. The appropriation for the current fiscal year is the same as that of last year, without the \$750 deficiency received. It is impossible to satisfactorily and efficiently carry on the work of these clinics with the money now available for this purpose. As a result, quite a number of patients are being turned away without treatment, because of lack of funds to purchase medicine and supplies.

I feel that I can not too strongly urge that the situation be placed squarely before the Appropriation Committee in Congress, and an effort made to obtain a more liberal appropriation for the maintenance of these clinics.

During the year just closed a considerable amount of literature relating to venereal diseases was distributed and a number of lectures given before certain social and civic organizations by one of the medical staff of the department.

I have, in previous reports, called attention to the fact that the District of Columbia is the only place in the whole country that has no law for the control of venereal diseases. A bill for the control of venereal diseases in the District of Columbia is now pending in Congress, and it is hoped that some appropriate legislation will shortly be enacted.

MEDICAL AND DENTAL INSPECTION OF PUBLIC SCHOOLS.

A report covering the operation of the medical and dental inspection service, including the work performed by the school nurses and at dental clinics, will, as heretofore, be found in the report of the board of education.

During the year the medical inspectors made 6,456 visits to school buildings and 417 visits to the homes of pupils. Pupils to the number of 3,365 were physically examined and 8,214 were examined to determine if vaccinated. Pupils examined and recommended for transfer to special schools numbered 271, 829 for admission to normal school, 1,716 for work permits, 4,428 for readmission to school, and 2,427 for exclusion from school for various causes.

Cultures were taken in 893 cases to determine if pupils were suffering from diphtheria, and 517 special physical examinations were also made.

The dental inspectors made an examination of the teeth of 13,474 pupils. Of this number, 1,369 were found to be free from defects. Patients numbering 2,948 were treated at the dental clinics during the year 1920-21. The total number of sittings given was 11,351.

The school nurses made 4,898 visits to the schools, 10,035 visits to the homes of pupils, 1,212 visits to the various clinics, and 438 visits to cooperative agencies. During the year 2,776 pupils were taken by the nurses to the various clinics for treatment for physical defects.

Four dental clinics were established during the fiscal year 1920. The large number of pupils who have been treated at these clinics has demonstrated very clearly the necessity for the establishment of additional clinics. In the estimates submitted for the fiscal year 1923 four additional dental clinics have been asked for. It is hoped that the extension of the services as indicated above may be arranged for.

During the year many improvements were made to the Hamilton School for tuberculous children. This school is now in very good condition. With the erection of the new school for tuberculous children, for which appropriation has been made by Congress, the children will be very much better cared for than has heretofore been possible.

BUREAU OF FOOD INSPECTION.

The following table shows the number and kinds of establishments in the District of Columbia producing and selling foodstuffs, exclusive of dairies and dairy farms, during the fiscal year 1921:

Food producing and vending establishments in the District of Columbia, number and kind on register, fiscal years 1920 and 1921, with data relative thereto.

| | Registered at beginning of year. | Registered during year. | Abandoned or duplicated. | Registered at close of year. | Total. | Inspection. | |
|----------------------------|----------------------------------|-------------------------|--------------------------|------------------------------|--------|------------------------------|---|
| | | | | | | Average per annum per place. | Inspections per inspector per day worked. |
| Total: | | | | | | | |
| 1920..... | 3,728 | 534 | 698 | 3,564 | 91,256 | 25.60 | 29.82 |
| 1921..... | 3,564 | 1,452 | 1,617 | 3,399 | 91,991 | 27.06 | 30.06 |
| Commission houses: | | | | | | | |
| 1920..... | 70 | 10 | | 80 | 22,162 | 277.02 | 12.07 |
| 1921..... | 80 | 94 | 84 | 90 | 14,381 | 159.79 | 7.83 |
| Groceries: | | | | | | | |
| 1920..... | 1,167 | 360 | 106 | 1,421 | 9,332 | 6.56 | 3.81 |
| 1921..... | 1,421 | 941 | 1,263 | 1,099 | 16,109 | 14.66 | 6.58 |
| Markets: | | | | | | | |
| 1920..... | 10 | | | 10 | 3,342 | 334.20 | 2.73 |
| 1921..... | 10 | 1 | 1 | 10 | 3,378 | 337.80 | 2.76 |
| Hucksters: | | | | | | | |
| 1920..... | 712 | | | 712 | 36,637 | 51.46 | 39.90 |
| 1921..... | 712 | 10 | 12 | 710 | 28,511 | 40.16 | 23.29 |
| Bakeries: | | | | | | | |
| 1920..... | 86 | 4 | 14 | 76 | 777 | 10.22 | 1.26 |
| 1921..... | 76 | 14 | 4 | 86 | 942 | 10.93 | 3.07 |
| Confectioners: | | | | | | | |
| 1920..... | 533 | 10 | 240 | 303 | 1,684 | 5.55 | .91 |
| 1921..... | 303 | 70 | 143 | 230 | 2,473 | 10.75 | 2.02 |
| Restaurants: | | | | | | | |
| 1920..... | 698 | 112 | 327 | 483 | 10,565 | 21.87 | 14.83 |
| 1921..... | 483 | 192 | 30 | 645 | 10,581 | 16.40 | 17.29 |
| Soft drink establishments: | | | | | | | |
| 1920..... | 165 | 20 | 10 | 175 | 1,275 | 7.28 | 1.79 |
| 1921..... | 175 | 130 | 80 | 225 | 1,367 | 6.07 | 4.46 |
| Fish houses: | | | | | | | |
| 1920..... | 12 | 13 | 1 | 24 | 3,484 | 145.16 | 48.93 |
| 1921..... | 24 | | | 24 | 12,657 | 527.38 | 206.81 |
| Miscellaneous: | | | | | | | |
| 1920..... | 275 | 5 | | 280 | 1,998 | 7.13 | 1.08 |
| 1921..... | 280 | | | 280 | 1,592 | 5.68 | 1.30 |

The following table shows the results of prosecution for violation of the laws and regulations of the food and drugs act, during the fiscal year 1921:

Statement showing results of prosecution for violations of the laws and regulations of food and drugs acts during the fiscal year 1921, with corresponding figures for previous year.

| | United States district attorney. | | Police court. | |
|--------------------------------------|----------------------------------|---------|---------------|---------|
| | 1920 | 1921 | 1920 | 1921 |
| Cases referred..... | 64 | 43 | 334 | 267 |
| Cases of fine and forfeiture..... | 59 | 39 | 233 | 246 |
| Cases of personal bonds taken..... | | | 2 | 3 |
| Cases nolle prossed..... | 5 | 3 | 91 | 4 |
| Cases acquitted..... | | 1 | | |
| Cases pending..... | | | 8 | 14 |
| Amount of fines and forfeitures..... | \$1,945 | \$1,465 | \$2,218 | \$1,636 |

Slaughterhouse inspection.—The 11 slaughterhouses in this district were inspected 147 times during the year. The total number of animals slaughtered was 3,439 cattle, 2,545 sheep, 1,471 calves, and 10,072 hogs. The carcasses of 4 cattle and 18 hogs were condemned as unfit for food.

Dairy farm inspection.—The following table shows in detail the amount and kind of work done during the fiscal year with respect to dairy farms on which milk and cream were lawfully produced for sale in the District of Columbia:

Dairy farms on which milk and cream were lawfully produced for sale in the District of Columbia during the fiscal year 1921, number and distribution of, with certain data pertaining thereto, and corresponding figures for the preceding year.

| | Dairy farms registered. | | | | Cattle. | | | Tuberculin tested. | | | |
|-----------------------|----------------------------|------------------|----------------|----------------------|----------------------------|----------------------|----------------------|--------------------|--------|---------------|-----------------------|
| | Begin- ning of year. | During year. | | Close of year. | Begin- ning of year. | Dur- ing year. | Close of year. | Total. | Passed | Re- acted. | Sus- pici- ous. |
| | | Regis- tered. | Can- celed. | | | | | | | | |
| Total: | | | | | | | | | | | |
| 1920..... | 1,435 | 374 | 232 | 1,577 | 23,549 | 2,651 | 24,894 | 13,741 | 13,017 | 459 | 50 |
| 1921..... | 1,577 | 303 | 381 | 1,499 | 24,894 | 2,030 | 26,698 | 19,126 | 18,070 | 953 | 103 |
| District of Columbia: | | | | | | | | | | | |
| 1920..... | 27 | 3 | 3 | 27 | 356 | ..... | 311 | 212 | 2 | ..... | ..... |
| 1921..... | 27 | 2 | 9 | 20 | 311 | ..... | 290 | 140 | 139 | 1 | ..... |
| Maryland: | | | | | | | | | | | |
| 1920..... | 854 | 304 | 131 | 1,027 | 10,728 | 2,651 | 13,379 | 5,916 | 5,576 | 313 | 27 |
| 1921..... | 1,027 | 207 | 305 | 929 | 13,379 | 663 | 14,042 | 8,503 | 7,769 | 664 | 70 |
| Virginia: | | | | | | | | | | | |
| 1920..... | 538 | 65 | 91 | 512 | 11,914 | ..... | 10,903 | 7,390 | 7,221 | 146 | 23 |
| 1921..... | 512 | 74 | 38 | 548 | 10,903 | 1,079 | 11,982 | 10,466 | 10,145 | 288 | 33 |
| Pennsylvania: | | | | | | | | | | | |
| 1920..... | 9 | 1 | 2 | 8 | 208 | ..... | 189 | 204 | 199 | 5 | ..... |
| 1921..... | 8 | ..... | 7 | 1 | 189 | ..... | 189 | ..... | ..... | ..... | ..... |
| West Virginia: | | | | | | | | | | | |
| 1920..... | 7 | 1 | 5 | 3 | 112 | ..... | 112 | 19 | 19 | ..... | ..... |
| 1921..... | 3 | 2 | 4 | 1 | 112 | 83 | 195 | 17 | 17 | ..... | ..... |
| New York: | | | | | | | | | | | |
| 1921..... | ..... | 18 | 18 | ..... | ..... | 205 | ..... | 205 | 205 | ..... | ..... |

The following table shows the number and distribution of the dairies lawfully supplying milk in and for the District of Columbia, during the fiscal year 1921, and the frequency of inspections:

Inspections.

| | Inspec- tions of farms. | Average frequency of inspec- tions of each farm during year. | Average number of farms in- spected per inspector per day worked. | Inspec- tions of cattle. | Average frequency of inspec- tion of each animal. |
|-----------------------|-------------------------------|--|---|--------------------------------|---|
| Total: | | | | | |
| 1920..... | 5,447 | 3.45 | 2.96 | 73,422 | 2.94 |
| 1921..... | 6,647 | 4.21 | 3.10 | 107,204 | 5.60 |
| District of Columbia: | | | | | |
| 1920..... | 140 | 8.75 | .45 | 2,019 | 6.49 |
| 1921..... | 365 | 13.51 | 1.96 | 3,451 | 11.09 |
| Maryland: | | | | | |
| 1920..... | 3,158 | 3.07 | 3.44 | 39,485 | 2.95 |
| 1921..... | 3,849 | 3.75 | 4.19 | 56,975 | 4.33 |
| Virginia: | | | | | |
| 1920..... | 2,122 | 4.14 | 3.46 | 30,938 | 2.83 |
| 1921..... | 2,351 | 4.59 | 3.84 | 45,543 | 4.18 |
| Pennsylvania: | | | | | |
| 1920..... | 19 | 2.37 | .062 | 580 | 3.06 |
| 1921..... | 20 | 2.50 | .066 | 250 | 1.32 |
| West Virginia: | | | | | |
| 1920..... | 8 | 2.66 | .026 | 400 | 4.00 |
| 1921..... | 28 | 9.33 | .091 | 780 | 6.96 |
| New York: | | | | | |
| 1921..... | 34 | 1.88 | .111 | 205 | 1.00 |

Dairies in and for the District of Columbia during the fiscal year 1921, number and distribution of, with certain data pertaining thereto, and corresponding figures for the previous year.

| | Licensed at begin- ning of year. | Applica- tions re- ceived. | Permits issued. | Permits surren- dered. | Applica- tions re- jected or with- drawn. | Licensed at close of year. | Inspec- tions during year. | Average number of inspec- tions of each dairy during year. | Average number of dairies inspected per day worked. ¹ |
|---------|---|----------------------------------|--------------------|------------------------------|---|----------------------------------|-------------------------------------|---|---|
| Total: | | | | | | | | | |
| 1920... | 31 | 6 | 4 | 2 | 2 | 37 | 558 | 15.81 | 2.03 |
| 1921... | 37 | 5 | 3 | 1 | 3 | 36 | 627 | 17.41 | 2.32 |

¹ The inspector assigned to this work has other duties to perform also.

The following table shows the number of samples of milk and cream subjected to chemical analysis. In addition, 1,787 samples were examined bacteriologically:

Milk and cream in the District of Columbia: Chemical examinations during the fiscal year 1920, with corresponding figures for previous years.

| Fiscal year. | Milk (7,795 samples) in 1921 containing— | | | Cream (371 samples) in 1921 containing— | |
|--------------|---|--------------------------------|------------------------------|--|---------------------------------|
| | Less than 3.5 per cent fat. | 3 per cent fat and less. | Added water. | Less than 20 per cent fat. | 18 per cent fat and less. |
| | <i>Per cent.¹</i> | <i>Per cent.¹</i> | <i>Per cent.¹</i> | <i>Per cent.¹</i> | <i>Per cent.¹</i> |
| 1917..... | 10.63 | 0.69 | 1.50 | 64.09 | 28.44 |
| 1918..... | 18.02 | 3.49 | 1.57 | 68.09 | 36.61 |
| 1919..... | 19.06 | 4.80 | .61 | 59.61 | 29.61 |
| 1920..... | 13.19 | 2.79 | .66 | 40.55 | 19.29 |
| 1921..... | 9.22 | 3.27 | .49 | 25.87 | 23.48 |

¹ Per cent on basis of all samples of milk or of cream, respectively, examined.

The campaign, started in 1919, to secure the sterilization of glasses and other equipment of soda fountain and soft-drink places has been continued during the year just closed. Prosecutions were instituted in 102 cases, resulting in the imposition of fines and forfeitures amounting to \$644.

Grading of milk.—The bulletin heretofore published, showing the grade of milk sold by the dairies in the District of Columbia, has been continued during the fiscal year 1921.

Chemical control of foods other than milk.—Samples of food other than milk to the number of 930 were examined chemically during the fiscal year. Fines and forfeitures amounting to \$991 were imposed for the sale of milk below the legal standard.

BUREAU OF SANITARY INSPECTION.

General nuisance inspection.—Complaints to the number of 9,339 were acted upon during the year. These complaints necessitated 13,514 inspections to be made. Official calls were made in 23,067 cases, not including calls made for the service of a notice outside of assigned inspection districts.

The total number of official visits made by the sanitary inspectors during the year was approximately 81,572, a large increase over the preceding year.

Violations of the laws and regulations for the prevention and abatement of nuisances were reported in 11,699 cases; in 10,755 of these, compliance was procured before the close of the fiscal year, and in the remaining 944 cases prosecution was instituted.

Attention is again called to the practice of entering a nolle prosequi in cases of nuisances for the maintenance of which defendants were charged without bringing such cases to the attention of the court. This practice tends to create a disregard for the notices served by the health department and retards its work. If violators of the laws relating to health were brought before the court, it would impress them with the importance of more promptly abating nuisances for which they were responsible.

Under the assessment system 506 notices were served upon non-resident owners for the abatement of nuisances existing on their property. In all but 5 cases the nuisances were abated by the owners, and in these cases the District government caused the work to be done and the cost assessed against the property. The total cost of this work was \$85.20.

Enforcement of the weed law.—During the fiscal year 1921, 303 notices were served under the provision of the weed law. The existence of the weed law on the statute books, in the absence of adequate means for its enforcement, leads to unjust criticism of the District government, especially of the health department. If any serious attempt is to be made to enforce this law, the health department should be provided with a special force of inspectors for that purpose, available during the weed season. Recommendations looking toward this end, which have been heretofore included in the annual estimates of the health department, are renewed.

Sanitary inspection of places of employment.—As heretofore, systematic inspections were made of printing offices, bakeries, lunch rooms, restaurants, and other similar establishments in the interest of the health and physical well-being of the persons employed therein.

The following table shows the number of certain establishments during the fiscal year 1921:

Registration and inspection of stables, barber shops, laundries, privies, fowl and pigeon houses, sewage-disposal systems, and lodging and tenement houses during the fiscal year 1921.

| | Stables. | Barber shops. | Laundries. | Privies. | Fowl and pigeon houses. | Sewage disposals. | Lodging and tenement houses. |
|--|----------|---------------|------------|----------|-------------------------|-------------------|------------------------------|
| Registered at beginning of year..... | 1,027 | 628 | 1,907 | 2,658 | 1,936 | 109 | 110 |
| Registered during the year..... | 42 | 38 | 37 | 94 | 214 | 5 | 6 |
| Abandoned during the year..... | 294 | 59 | 126 | 68 | 5 | 4 | ..... |
| On register at close of year..... | 775 | 607 | 1,818 | 2,684 | 2,145 | 110 | 116 |
| Number of inspections during year..... | 1,183 | 1,465 | 705 | 2,383 | (1) | 90 | 346 |
| Average frequency of inspections..... | 1.05 | 2.3 | 0.37 | 0.89 | (1) | 0.83 | 3.1 |
| Number of nuisances found..... | 68 | (1) | (1) | 324 | 615 | (1) | (1) |

¹ Data not available.

Smoke inspection.—The work done in this service is set forth in the following table:

Smoke inspections during the fiscal years 1920 and 1921.

| | 1920 | 1921 |
|---|-------|--------|
| Observations..... | 9,625 | 11,144 |
| Violations of the law reported..... | 1,573 | 1,390 |
| Cases referred to corporation counsel..... | 44 | 62 |
| Cases of fines and forfeitures..... | 32 | 49 |
| Cases of personal bonds taken..... | 2 | 1 |
| Cases nolle prossed..... | 10 | 4 |
| Cases acquitted..... | 1 | 8 |
| Cases pending..... | | |
| Amount of fines and forfeitures..... | \$320 | \$510 |
| Plants under observation..... | 615 | 544 |
| Number of inspections of plants..... | 265 | 499 |
| Reports of investigation, complaint, and letters..... | 188 | 123 |

Private hospitals and asylums.—No licenses were issued during the year to maintain private hospitals or asylums for human beings. Two applications for such licenses were, however, pending at the close of the year.

EIGHT-HOUR FEMALE LABOR LAW.

The number of establishments within the District of Columbia coming within the purview of the 8-hour law for women during the fiscal year was 2,066. During the year 12,917 inspections were made and 100 complaints acted upon. Prosecutions were instituted for violation of the law regulating the hours of employment of females in 28 cases, resulting in fines and forfeitures amounting to \$585.

CHILD WELFARE SOCIETY.

The scope of work carried on by the Child-Welfare Society has been considerably broadened during the fiscal year 1921. This organization is supported in part by appropriations from Congress and partly by private donations.

The total cost of operating the eight welfare stations during the year just closed was \$27,468.43. Of this amount, \$15,000 was provided by Congress. The sum of \$18,000 for this society is carried in the appropriation act for the fiscal year 1922, an increase of \$3,000 over last year. The contract with the society calls for the establishment and maintenance of 10 welfare stations in place of 8 during the past year. During the year just closed, a dental clinic has been added to the other activities of the society. This clinic is located in the headquarters of the organization at 2100 G Street NW., and is properly equipped for work. Three clinics are held weekly. A nutrition class has also been established. This class has been in operation about five months, and the results already obtained have been most gratifying.

It is proposed also to establish a class in mental hygiene during the coming year.

The following table shows the amount and kind of work done during the year:

Child Welfare Society: Infants, children, and prenatal cases admitted, visits of cases to centers, and visits of nurses to homes, enumerated by centers.

| Center. | Location. | Admission under 2 years. | | | | |
|---------|-------------------------------------|--------------------------|----------|---------------|----------|--------|
| | | Registered. | | Unregistered. | | Total. |
| | | White. | Colored. | White. | Colored. | |
| 1 | Georgetown Hospital..... | 80 | 43 | 50 | 36 | 209 |
| 2 | 2100 G Street NW..... | 95 | 94 | 59 | 87 | 335 |
| 3 | Children's Hospital..... | 92 | 159 | 75 | 205 | 531 |
| 4 | 330 C Street NW..... | 128 | 43 | 146 | 70 | 387 |
| 5 | 1235 Four-and-a-half Street SW..... | 81 | 69 | 60 | 93 | 303 |
| 6 | 900 Maryland Avenue NE..... | 242 | 52 | 141 | 76 | 511 |
| 7 | 1130 K Street SE..... | 116 | 59 | 142 | 123 | 440 |
| 8 | 82 K Street NE..... | 61 | 69 | 82 | 106 | 318 |
| 9 | Freedmen's Hospital..... | ..... | 42 | ..... | 137 | 179 |
| 10 | 1500 Ninth Street NW..... | ..... | ..... | 10 | ..... | 10 |
| | Total..... | 895 | 630 | 765 | 933 | 3,223 |

| Center. | Location. | Admissions. | | | | | | | |
|---------|-------------------------------------|---------------|----------|---------------|----------|--------|-----------|----------|--------|
| | | 2 to 6 years. | | | | | Prenatal. | | |
| | | Registered. | | Unregistered. | | Total. | White. | Colored. | Total. |
| | | White. | Colored. | White. | Colored. | | | | |
| 1 | Georgetown Hospital..... | 19 | 13 | 5 | ..... | 37 | 1 | ..... | 1 |
| 2 | 2100 G Street NW..... | 47 | 32 | 8 | 10 | 97 | ..... | ..... | ..... |
| 3 | Children's Hospital..... | 11 | 38 | 10 | 6 | 65 | ..... | ..... | ..... |
| 4 | 330 C Street NW..... | 34 | 8 | 14 | 1 | 57 | ..... | ..... | ..... |
| 5 | 1235 Four-and-a-half Street SW..... | 17 | 13 | 1 | 2 | 33 | ..... | ..... | ..... |
| 6 | 900 Maryland Avenue NE..... | 46 | 18 | 3 | 2 | 69 | 3 | 18 | 21 |
| 7 | 1130 K Street SE..... | 23 | 4 | 23 | 8 | 58 | 4 | 49 | 53 |
| 8 | 82 K Street NE..... | 13 | 4 | 6 | 5 | 28 | 10 | 39 | 49 |
| 9 | Freedmen's Hospital..... | ..... | 4 | ..... | 3 | 7 | ..... | ..... | ..... |
| 10 | 1500 Ninth Street NW..... | ..... | ..... | 10 | ..... | 10 | ..... | ..... | ..... |
| | Total..... | 210 | 134 | 80 | 37 | 461 | 18 | 106 | 124 |

| Center. | Location. | Number of visits of cases to centers. | | | | | Nurses' visits to homes. |
|---------|-------------------------------------|---------------------------------------|----------|------------------|--------------------------------|--------|--------------------------|
| | | Prenatal. | Infants. | Children 2 to 6. | Center instruction to mothers. | Total. | |
| 1 | Georgetown Hospital..... | ..... | 1,969 | 211 | 101 | 2,281 | 3,260 |
| 2 | 2100 G Street NW..... | ..... | 2,942 | 637 | 329 | 3,908 | 3,142 |
| 3 | Children's Hospital..... | ..... | 4,041 | 301 | 307 | 4,649 | 2,808 |
| 4 | 330 C Street NW..... | ..... | 2,380 | 556 | 471 | 3,453 | 2,841 |
| 5 | 1235 Four-and-a-half Street SW..... | 46 | 2,765 | 280 | 309 | 3,373 | 3,116 |
| 6 | 900 Maryland Avenue NE..... | 117 | 3,640 | 499 | 127 | 4,383 | 2,268 |
| 7 | 1130 K Street SE..... | 133 | 2,121 | 313 | 161 | 2,728 | 3,403 |
| 8 | 82 K Street NE..... | 205 | 1,487 | 129 | 183 | 2,004 | 2,386 |
| 9 | Freedmen's Hospital..... | ..... | 276 | 10 | 2 | 283 | 446 |
| 10 | 1500 Ninth Street NW..... | ..... | 35 | 18 | ..... | 53 | 5 |
| | Nutrition class..... | ..... | ..... | 349 | 163 | 512 | 92 |
| | Dental clinic..... | ..... | ..... | 176 | ..... | 176 | ..... |
| | Field nurses..... | ..... | ..... | ..... | 3 | 3 | 1,294 |
| | Total..... | 520 | 21,656 | 3,479 | 2,156 | 27,811 | 25,061 |

THE POUND SERVICE.

During the fiscal year 5,644 animals were received at the pound—3,607 dogs, 1,988 cats, 30 horses, 14 mules, 3 goats, 1 sheep, and 1 cow. Two thousand five hundred and nine dogs were captured while running at large and 1,098 were surrendered for destruction or quarantine by the persons having custody of them. One thousand nine hundred and ninety dogs were killed, 1,070 redeemed, 420 sold, and 130 returned to their owners after observation.

The fees collected through the activities of the pound service were as follows: Fees, \$2,167; sales, \$761.50; reimbursements for food, \$16.25; total, \$2,944.75.

Owing to the continued prevalence of rabies in the District of Columbia, the commissioners, on June 22, 1920, again issued a proclamation requiring the muzzling of dogs running at large, this requirement to be in effect until July 9, 1921:

Ordered, That under the provisions of section 7 of the act of Congress approved June 19, 1878, entitled "An act to create a revenue in the District of Columbia by levying a tax upon all dogs therein, to make such dogs personal property, and for other purposes," the commissioners hereby give notice that every dog in said District shall, for a period of one year from and after July 9, wear a good substantial muzzle, securely put on, so as to prevent it from biting or snapping, and any dog going at large during said period without such muzzle shall be taken up by the poundmaster and impounded.

The method now in use for disposing of unclaimed animals, by the use of charcoal fumes, has been the subject of criticism by citizens. It is believed that a more humane and less objectionable method of disposing of these unfortunate animals can be substituted by the installation of automatic electrically equipped cages. This method of disposing of animals is, I understand, in use in some of the large cities of the country, and in submitting my estimates of the expenses of the health department for the fiscal year 1923 I have included an item to cover the cost of installing these electrical cages.

BUREAU OF ADMINISTRATION.

Correspondence and files.—During the year 11,642 written and 6,255 oral complaints were received. Fourteen thousand and forty-one letters were sent out by the department and 1,932 special reports were entered and filed.

BUREAU OF VITAL STATISTICS.

This bureau recorded during the fiscal year 6,550 deaths, 8,867 births, and 504 stillbirths.

During the fiscal year 1,701 transcripts from the records of deaths and births were issued.

RECOMMENDATIONS.

My recommendation of last year, that every effort be made to secure the enactment of a law for the control of venereal diseases in the District of Columbia, is hereby renewed. A bill for this purpose was introduced in the early part of the present session of Congress and hearings on the subject have been held before the District Committee of the House of Representatives. No report, however, has as yet been made by the committee.

I renew my recommendation of last year that earnest effort be made to secure the passage of the bill now pending in Congress to regulate the sale of milk in the District of Columbia. This legislation is of vital importance to the people of this District and is badly needed for the protection of the public health.

Respectfully,

W. C. FOWLER, M. D.
Health Officer.

The COMMISSIONERS OF THE DISTRICT OF COLUMBIA.

| | | | | | | | | | | | | | | |
|----|--|-----|-----|-----|------|------|------|-------|-----|-----|-----|-----|-----|-----|
| 30 | Tuberculosis, meningel. | 17 | 5 | 22 | .052 | .045 | .050 | .340 | 10 | 7 | 4 | 1 | 14 | 8 |
| 31 | Tuberculosis, abdominal. | 6 | 13 | 19 | .018 | .118 | .043 | .294 | 3 | 3 | 5 | 2 | 11 | 11 |
| 32 | Pneumonia. | 3 | 6 | 9 | .009 | .055 | .021 | .139 | 3 | ... | 4 | 2 | 3 | 2 |
| 33 | White swelling. | 1 | 3 | 4 | .003 | .027 | .009 | .002 | ... | ... | 2 | 1 | ... | 1 |
| 34 | Tuberculosis of other organs: | | | | | | | | | | | | | |
| | 1. Bladder. | 2 | 1 | 2 | .006 | ... | .005 | .031 | 2 | ... | ... | ... | 2 | ... |
| | 2. Kidney. | 1 | 1 | 2 | .003 | .009 | .004 | .031 | 1 | ... | 1 | ... | 2 | ... |
| | 3. Pancreas. | ... | 1 | 1 | ... | .009 | .002 | .016 | ... | ... | 1 | ... | 1 | ... |
| | 4. Sacrum. | ... | 1 | 1 | ... | .009 | .003 | .015 | ... | ... | 1 | ... | ... | ... |
| | 5. Skin. | 1 | ... | 1 | .003 | ... | .002 | .016 | ... | 1 | ... | ... | 3 | 2 |
| 35 | Tuberculosis, disseminated. | 3 | 2 | 5 | .009 | .018 | .012 | .077 | 2 | 1 | 1 | 1 | 6 | 2 |
| 36 | Rickets. | 2 | 6 | 8 | .006 | .055 | .019 | .124 | 1 | 1 | 5 | 1 | 3 | 2 |
| 37 | Syphilis: | | | | | | | | | | | | | |
| | 1. Acquired. | 24 | 16 | 40 | .073 | .146 | .091 | .619 | 22 | 2 | 12 | 4 | 34 | 6 |
| | 2. Congenital. | 5 | 15 | 20 | .015 | .136 | .046 | .309 | 2 | 3 | 8 | 7 | 10 | 10 |
| 38 | Gonococcus infection. | 1 | 1 | 1 | .003 | .009 | .002 | .015 | ... | 1 | ... | 1 | ... | 1 |
| 39 | Phagedenic ulcer. | ... | ... | ... | ... | ... | .002 | .016 | ... | ... | ... | ... | ... | 1 |
| | Cancer and other malignant tumors of buccal cavity: | | | | | | | | | | | | | |
| | 1. Cheek. | 1 | ... | 1 | .003 | ... | .003 | .015 | 1 | ... | ... | ... | 1 | ... |
| | 2. Jaw. | 2 | 2 | 4 | .006 | .018 | .009 | .062 | 2 | ... | 1 | 1 | 3 | 1 |
| | 3. Lip. | 2 | 1 | 3 | .006 | .009 | .007 | .046 | ... | 2 | ... | ... | ... | 3 |
| | 4. Tongue. | 4 | 1 | 5 | .012 | .009 | .011 | .077 | 3 | 1 | 1 | ... | 4 | 1 |
| | 5. Tonsil. | 1 | ... | 1 | .003 | ... | .002 | .016 | 1 | ... | ... | ... | ... | 1 |
| 40 | Cancer and other malignant tumors of stomach, liver, etc.: | | | | | | | | | | | | | |
| | 1. Liver. | 41 | 11 | 52 | .125 | .100 | .119 | .805 | 17 | 24 | 2 | 9 | 19 | 33 |
| | 2. Oesophagus. | 6 | 1 | 6 | .019 | ... | .014 | .092 | 5 | 1 | ... | ... | 5 | 1 |
| | 3. Pharynx. | 1 | ... | 1 | .003 | ... | .002 | .015 | 1 | ... | ... | ... | 1 | ... |
| | 4. Stomach. | 65 | 23 | 88 | .198 | .209 | .201 | 1.362 | 28 | 37 | 9 | 14 | 37 | 51 |
| 41 | Cancer and other malignant tumors of intestines, peritoneum, etc.: | | | | | | | | | | | | | |
| | 1. Intestines. | 39 | 5 | 44 | .119 | .046 | .102 | .681 | 19 | 20 | 3 | 2 | 22 | 22 |
| | 2. Peritoneum. | 2 | ... | 2 | .006 | ... | .005 | .031 | 1 | 1 | ... | ... | 1 | 1 |
| 42 | Cancer and other malignant tumors of female genital organs: | | | | | | | | | | | | | |
| | 1. Ovary. | 6 | ... | 6 | .018 | ... | .014 | .093 | ... | 6 | ... | ... | ... | 6 |
| | 2. Uterus. | 51 | 16 | 67 | .156 | .146 | .153 | 1.037 | ... | 51 | ... | 16 | ... | 67 |
| | 3. Vagina. | 2 | ... | 2 | .006 | ... | .004 | .031 | ... | 2 | ... | ... | ... | 2 |
| | 4. Vulva. | 1 | ... | 1 | .003 | ... | .002 | .016 | ... | 1 | ... | ... | ... | 1 |
| 43 | Cancer and other malignant tumors of breast. | 35 | 8 | 43 | .107 | .073 | .098 | .665 | ... | 35 | ... | 8 | ... | 43 |
| 44 | Cancer and other malignant tumors of skin: | | | | | | | | | | | | | |
| | 1. Ear. | 2 | ... | 2 | .006 | ... | .005 | .031 | 1 | 1 | ... | ... | 1 | 1 |
| | 2. Face. | 3 | 1 | 4 | .010 | .009 | .009 | .062 | 2 | 1 | 1 | ... | 3 | 1 |
| | 3. Nose. | 1 | ... | 1 | .003 | ... | .003 | .015 | 1 | ... | ... | ... | 1 | ... |
| 45 | Cancer and other malignant tumors of other organs: | | | | | | | | | | | | | |
| | 1. Abdomen. | 5 | ... | 5 | .015 | ... | .012 | .077 | ... | 3 | ... | ... | 2 | 3 |
| | 2. Antrum. | 2 | 1 | 2 | .006 | ... | .004 | .031 | 1 | 1 | ... | ... | 1 | 1 |
| | 3. Axilla. | ... | ... | ... | .006 | ... | .005 | .031 | 1 | 1 | ... | ... | 1 | 1 |
| | 4. Bladder. | 16 | 4 | 20 | .049 | .036 | .046 | .309 | 8 | 8 | 2 | 2 | 10 | 10 |
| | 5. Brain. | 1 | ... | 1 | .003 | ... | .002 | .016 | ... | 1 | ... | ... | 1 | 1 |
| | 6. Cellular tissue. | 1 | 1 | 1 | .009 | ... | .002 | .015 | ... | 1 | 1 | ... | 1 | 1 |
| | 7. Disseminated. | 2 | ... | 2 | .006 | ... | .004 | .031 | 2 | ... | ... | ... | 2 | ... |
| | 8. Eye. | 1 | ... | 1 | .003 | ... | .002 | .016 | ... | 1 | ... | ... | 1 | 1 |
| | 9. Femur. | 1 | ... | 1 | .003 | ... | .003 | .015 | ... | 1 | ... | ... | 1 | 1 |
| | 10. Hand. | 1 | ... | 1 | .003 | ... | .002 | .016 | ... | 1 | ... | ... | 1 | 1 |

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1920, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

| Cause of death. | | Calendar year 1920. | | | | | | | | | | | | |
|--|----------|---------------------|--------|----------|----------------------|-------|---------|--|-------------------------|-------|----------|---------|---------------|--|
| | | Total deaths. | | | General death rates. | | | Per-centage of each cause to total mor-tality. | Deaths by race and sex. | | | | | |
| | | | | | | | | | White. | | Colored. | | Total by sex. | |
| | | | | | | | | | | | Male. | Female. |  |  | Male. | Female. |
| White. | Colored. | All. | White. | Colored. | All. | Male. | Female. | Male. | Female. | Male. | Female. | | | |
| I. General diseases—Continued. | | | | | | | | | | | | | | |
| Cancer and other malignant tumors of other organs—Contd. | | | | | | | | | | | | | | |
| 11. Kidney..... | 2 | 2 | 2 | 0.005 | ..... | 0.005 | 0.030 | ..... | ..... | 2 | ..... |  |  |  |
| 12. Larynx..... | 2 | 2 | 2 | .006 | ..... | .004 | .031 | ..... | ..... | 2 | ..... |  |  |  |
| 13. Leg..... | 1 | 1 | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... |  |  |  |
| 14. Lung..... | 2 | 2 | 2 | .005 | ..... | .005 | .031 | ..... | ..... | ..... | ..... |  |  |  |
| 15. Mediastinum..... | 1 | 1 | 1 | .003 | 0.009 | .003 | .047 | ..... | ..... | ..... | ..... |  |  |  |
| 16. Neck..... | 3 | 3 | 3 | .009 | ..... | .007 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 17. Pancreas..... | 7 | 7 | 7 | .021 | ..... | .016 | .108 | ..... | ..... | ..... | ..... |  |  |  |
| 18. Parotid..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 19. Pelvis..... | 3 | 3 | 3 | .009 | ..... | .007 | .046 | ..... | ..... | ..... | ..... |  |  |  |
| 20. Prostate..... | 2 | 2 | 2 | .037 | ..... | .032 | .217 | ..... | ..... | ..... | ..... |  |  |  |
| 21. Shoulder..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 22. Testicle..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 23. Thigh..... | 1 | 1 | 1 | .019 | ..... | .016 | .108 | ..... | ..... | ..... | ..... |  |  |  |
| 24. Throat..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 25. Viscerae..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| Other tumors (female genital organs excepted) | | | | | | | | | | | | | | |
| Rheumatism, acute..... | 5 | 5 | 5 | .015 | ..... | .009 | .014 | ..... | ..... | ..... | ..... |  |  |  |
| Rheumatism, chronic, and gout..... | 10 | 10 | 14 | .034 | .036 | .032 | .217 | ..... | ..... | ..... | ..... |  |  |  |
| Scurvy..... | 40 | 40 | 57 | .122 | .154 | .130 | .82 | ..... | ..... | ..... | ..... |  |  |  |
| Diabetes..... | 4 | 4 | 5 | .012 | .059 | .011 | .077 | ..... | ..... | ..... | ..... |  |  |  |
| Exophthalmic goiter..... | 1 | 1 | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... |  |  |  |
| Adison's disease..... | 7 | 7 | 7 | .021 | ..... | .016 | .109 | ..... | ..... | ..... | ..... |  |  |  |
| Leukemia..... | 20 | 20 | 24 | .061 | .036 | .055 | .371 | ..... | ..... | ..... | ..... |  |  |  |
| Anaemia..... | 14 | 14 | 15 | .043 | .009 | .034 | .232 | ..... | ..... | ..... | ..... |  |  |  |
| Other general diseases: | | | | | | | | | | | | | | |
| 1. Acidosis..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 2. Antitoxication..... | 1 | 1 | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... |  |  |  |
| 3. Diabetes insipidus..... | 1 | 1 | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 4. Ptochin poisoning..... | 1 | 1 | 1 | .003 | ..... | .003 | .016 | ..... | ..... | ..... | ..... |  |  |  |
| 5. Purpura hemorrhagica..... | 1 | 1 | 2 | .003 | .009 | .005 | .031 | ..... | ..... | ..... | ..... |  |  |  |
| Alcoholism..... | 3 | 3 | 3 | .010 | ..... | .007 | .047 | ..... | ..... | ..... | ..... |  |  |  |

[illegible]

III. Diseases of circulatory system.

| | | | | | | | | | | | |
|-----------------------|---|-----|-----|-----|-------|-------|-------|-------|-------|-----|-------|
| 77 | Pericarditis | 2 | 3 | 5 | .006 | .097 | .011 | 1 | 2 | 1 | 3 |
| 78 | Endocarditis and myocarditis (under 60 years) | 73 | 55 | 128 | .293 | 1.294 | 1.294 | 45 | 28 | 36 | 64 |
| 79 | Organic heart disease (valvular) | 498 | 185 | 683 | 1.521 | 1.682 | 1.631 | 239 | 269 | 109 | 368 |
| 80 | Aortic pectoris | 31 | 2 | 33 | .095 | .018 | .076 | 22 | 9 | 2 | 11 |
| Diseases of arteries: | | | | | | | | | | | |
| 81 | 1. Aneurism | 6 | 13 | 19 | .018 | .043 | .294 | 5 | 1 | 7 | 12 |
| | 2. Arteriosclerosis | 155 | 21 | 176 | .473 | .191 | .403 | 2.723 | 74 | 10 | 84 |
| | 3. Endarteritis | 1 | 1 | 1 | .009 | .002 | .015 | | | 1 | |

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|----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------------------------|-----|-----|-------|-------|-------|--------|-----|-----|-----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| 98 | Other diseases of respiratory system (tuberculosis excepted): | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | Total diseases of respiratory system | 545 | 466 | 1,011 | 1,663 | 4,238 | 15,643 | 276 | 269 | 203 | 263 | 479 | 532 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | Parotid abscess. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1</ |

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1920, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

| Cause of death. | | Calendar year 1920. | | | | | | | | | | | |
|--|--|---------------------|------|--------|----------------------|-------|--------|--|----------|-------------------------|---------|----------|---------|
| | | Total deaths. | | | General death rates. | | | Percentage of each cause to total mortality. | | Deaths by race and sex. | | | |
| | | White. | | | All. | | | All. | Colored. | White. | | Colored. | |
| | | | | | | | | | | | | | |
| | | Colored. | All. | White. | Colored. | All. | White. | Colored. | All. | Male. | Female. | Male. | Female. |
| VI. Nonvenereal diseases of genito-urinary system. | | | | | | | | | | | | | |
| 119 | Nephritis, acute..... | 36 | 70 | 110 | .309 | .160 | .183 | 1.083 | 25 | 10 | 14 | 20 | 30 |
| 120 | Nephritis, chronic (Bright's disease)..... | 287 | 441 | 876 | 1.401 | 1.008 | 6.823 | 155 | 132 | 68 | 86 | 223 | 218 |
| 121 | Cystitis..... | 1 | 1 | .003 | .002 | .015 | 1 | 7 | 1 | 4 | 3 | 5 | 9 |
| 122 | Other diseases of kidneys and annexa. | 11 | 19 | .034 | .073 | .204 | .016 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1. Cysts of kidney..... | 8 | 2 | .003 | .004 | .031 | .083 | 4 | 1 | 1 | 1 | 5 | 1 |
| | 2. Pyonephrosis, etc..... | 2 | 6 | .012 | .018 | .083 | .015 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3. Suppression of urine..... | 1 | 1 | .009 | .003 | .015 | 6 | 4 | 10 | 2 | 2 | 2 | 2 |
| 123 | Renal calculi..... | 6 | 10 | .018 | .036 | .031 | .003 | 1 | 1 | 3 | 3 | 3 | 3 |
| 124 | Cystitis..... | 1 | 1 | .003 | .003 | .016 | .046 | 9 | 12 | 9 | 12 | 21 | 21 |
| 125 | Urethral stricture..... | 6 | 4 | .006 | .007 | .046 | .325 | 1 | 1 | 1 | 1 | 1 | 1 |
| 126 | Diseases of prostate: | 1 | 1 | .028 | .108 | .048 | .015 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1. Hypertrophy..... | 2 | 2 | .009 | .009 | .009 | .002 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 2. Prostatotomy..... | 1 | 1 | .009 | .009 | .009 | .002 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3. Prostatitis..... | 3 | 3 | .006 | .006 | .007 | .047 | 1 | 1 | 1 | 1 | 1 | 1 |
| 127 | Phlegmon of scrotum..... | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 1 | 1 | 1 | 1 | 1 |
| 128 | Uterine hemorrhage (nonpuerperal)..... | 7 | 15 | .021 | .073 | .034 | .232 | 7 | 7 | 8 | 8 | 15 | 15 |
| 129 | Uterine fibroids..... | 9 | 21 | .028 | .108 | .048 | .325 | 9 | 9 | 12 | 12 | 21 | 21 |
| 130 | Other diseases of uterus: | 1 | 1 | .009 | .009 | .009 | .002 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1. Menopause..... | 3 | 4 | .009 | .009 | .009 | .002 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 2. Pelvic abscess..... | 2 | 3 | .006 | .006 | .007 | .047 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3. Prolactia..... | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 1 | 1 | 1 | 1 | 1 |
| 131 | Ovarian cysts..... | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 1 | 1 | 1 | 1 | 1 |
| 132 | Salpingitis..... | 7 | 15 | .021 | .073 | .034 | .232 | 7 | 7 | 8 | 8 | 15 | 15 |
| 133 | Mastitis..... | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total nonvenereal diseases of genito-urinary system..... | | 373 | 602 | 1,139 | 2.081 | 1.376 | 9.315 | 204 | 169 | 94 | 135 | 298 | 304 |

VII. The puerperal state.

| VII. The puerperal state. | | | | | | | | | |
|---------------------------|--|----|----|------|------|------|-------|----|----|
| 134 | Accidents of pregnancy: | | | | | | | | |
| | 1 | 1 | 2 | .003 | .009 | .004 | .031 | 1 | 1 |
| | 1 | 1 | 2 | .003 | .009 | .005 | .031 | 1 | 1 |
| | 3 | 3 | 3 | .006 | .027 | .006 | .046 | 3 | 3 |
| 135 | 4. Pregnancy..... | | | | | | | | |
| | 1 | 1 | 1 | .009 | .009 | .002 | .015 | 1 | 1 |
| Puerperal hemorrhage: | | | | | | | | | |
| | 2 | 2 | 4 | .006 | .018 | .009 | .062 | 2 | 2 |
| | 3 | 1 | 4 | .009 | .009 | .009 | .062 | 3 | 1 |
| 136 | Other accidents of pregnancy: | | | | | | | | |
| | 4 | 4 | 4 | .012 | .009 | .062 | .062 | 4 | 4 |
| | 1 | 1 | 1 | .009 | .002 | .016 | .016 | 1 | 4 |
| | 2 | 2 | 4 | .006 | .018 | .010 | .062 | 2 | 4 |
| | 1 | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 4 |
| 137 | 4. Ruptured uterus..... | | | | | | | | |
| | 1 | 1 | 1 | .003 | .003 | .016 | .016 | 1 | 1 |
| 138 | Puerperal peritonitis..... | | | | | | | | |
| | 18 | 10 | 18 | .024 | .091 | .041 | .279 | 8 | 18 |
| 139 | Puerperal septicaemia and fever..... | | | | | | | | |
| | 13 | 7 | 20 | .040 | .064 | .046 | .309 | 13 | 20 |
| 140 | Puerperal nephritis and eclampsia..... | | | | | | | | |
| | 13 | 7 | 20 | .040 | .064 | .046 | .309 | 13 | 20 |
| 141 | Puerperal phlebitis..... | | | | | | | | |
| | 13 | 7 | 20 | .040 | .064 | .046 | .309 | 13 | 20 |
| | Other puerperal diseases (insanity, etc.)..... | | | | | | | | |
| | 13 | 7 | 20 | .040 | .064 | .046 | .309 | 13 | 20 |
| | Puerperal diseases of breast..... | | | | | | | | |
| | 13 | 7 | 20 | .040 | .064 | .046 | .309 | 13 | 20 |
| | Total the puerperal state..... | | | | | | | | |
| | 36 | 29 | 65 | .110 | .263 | .149 | 1.006 | 36 | 65 |

VIII. Diseases of skin and cellular tissue.

| | | | | | | | | | | | | | |
|-----|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 142 | Gangrene ^a | 6 | 5 | 11 | .046 | .025 | .170 | 4 | 2 | 2 | 3 | 6 | 5 |
| | 1. Of extremities..... | 1 | 1 | 2 | .003 | .004 | .031 | 1 | 1 | 1 | 2 | 2 | ..... |
| 143 | Carbuncle..... | 2 | 2 | 2 | .006 | .009 | .031 | 2 | ..... | ..... | ..... | 2 | ..... |
| 144 | Abscess, acute: | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 1. Of mediastinum..... | 1 | 1 | 1 | .000 | .002 | .015 | ..... | ..... | ..... | 1 | 1 | 1 |
| | 2. Of thigh..... | 1 | 1 | 1 | .009 | .002 | .016 | ..... | ..... | ..... | 1 | 1 | 1 |
| | 3. Cellulitis..... | 5 | 6 | 6 | .009 | .014 | .093 | 3 | 2 | 1 | 2 | 4 | 2 |
| 145 | Diseases of skin: | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 1. Erythema..... | 1 | 1 | 1 | .003 | .002 | .015 | 1 | ..... | ..... | ..... | 1 | ..... |
| | 2. Impetigo..... | 1 | 1 | 1 | .003 | .003 | .016 | 1 | ..... | ..... | ..... | 1 | ..... |
| | 3. Pemphigus..... | 1 | 1 | 1 | .003 | .002 | .015 | ..... | 1 | ..... | ..... | 1 | ..... |

Total diseases of skin and cellular tissue.....

[illegible]

XII. *Senility.*

Senile debility, total.....

XIII. *External causes.*

Suicide by poison:

| | | | | | | | | | | | | | | |
|-----|--|----|----|----|------|------|------|------|----|----|---|----|----|----|
| 154 | Senile debility, total..... | 48 | 16 | 64 | .147 | .145 | .146 | .990 | 20 | 28 | 5 | 11 | 25 | 39 |
| 155 | Suicide by poison: | | | | | | | | | | | | | |
| | 1. Ammonia..... | | 1 | 1 | | .009 | .002 | .015 | | | | 1 | | 1 |
| | 2. Bichloride of mercury..... | | 1 | 1 | | .009 | .002 | .016 | | | | 1 | | 1 |
| | 3. Carbolic acid..... | | | | | | .002 | .015 | | | | | 1 | 1 |
| | 4. Veronal..... | | | | | | .003 | .016 | | | | | | |
| 156 | Suicide, illuminating gas..... | | | 11 | | | .025 | .170 | 1 | | | | 7 | 3 |
| 157 | Suicide, hanging..... | | | 10 | | .009 | .023 | .135 | 7 | 4 | | 1 | 7 | 4 |
| 158 | Suicide, drowning..... | | 1 | 1 | | .003 | .002 | .015 | 1 | | | | 1 | |
| 159 | Suicide, firearms..... | | 11 | 13 | | .018 | .030 | .201 | 11 | | 2 | | 13 | |
| 160 | Suicide, cutting instruments..... | | 3 | 3 | | .009 | .006 | .046 | 3 | | | | 3 | |
| 161 | Suicide, jumping from high places..... | | | | | | | | | | | | | |
| 162 | Suicide, crushing..... | | | | | | | | | | | | | |
| 163 | Suicide, other forms..... | | | | | | | | | | | | | |
| 164 | Poisoning by food (accidental): | | | | | | | | | | | | | |
| 165 | 1. Alcohol, methyl..... | | | | | | | | | | | | | |
| | 2. Carbolic acid..... | 5 | 6 | 11 | .015 | .055 | .025 | .170 | 5 | | 4 | 2 | 9 | 2 |
| | 3. Cocaine..... | 2 | | 2 | .006 | | .004 | .031 | | | | | | 2 |
| | 4. Picric acid..... | 1 | | 1 | .003 | | .002 | .015 | 1 | | | | 1 | |
| | 5. Prussic acid..... | 1 | | 1 | .003 | | .002 | .016 | | | | | | 1 |
| | 6. Potassium cyanide..... | 1 | | 1 | .003 | | .003 | .015 | | | | | | 1 |
| | Veronal..... | 1 | | 1 | .003 | | .002 | .016 | | | | | | 1 |
| 166 | Confagration..... | 1 | | 2 | .003 | .003 | .005 | .031 | 1 | | | 1 | | 1 |
| 167 | Burns and scalds..... | 27 | 21 | 48 | .082 | .191 | .110 | .743 | 10 | 17 | 5 | 16 | 15 | 33 |
| 168 | Absorption of deleterious gases (accidental): | | | | | | | | | | | | | |
| | 1. Asphyxiation, in bed..... | 3 | 1 | 4 | .009 | .009 | .009 | .082 | 1 | 2 | | 1 | 1 | 3 |
| | 2. Carbon monoxide..... | 1 | 1 | 2 | .003 | .009 | .004 | .031 | 1 | | 1 | | 2 | |
| | 3. Ether narcosis..... | 1 | 1 | 1 | .009 | .009 | .002 | .015 | | | | | | 1 |
| 169 | 4. Illuminating gas..... | 22 | 2 | 24 | .057 | .018 | .055 | .371 | 12 | 10 | | 1 | 13 | 11 |
| 170 | Drowning (accidental)..... | 21 | 5 | 26 | .064 | .046 | .039 | .402 | 20 | 1 | 4 | 1 | 24 | 2 |
| 171 | Firearms (accidental)..... | 5 | 2 | 7 | .015 | .018 | .016 | .108 | 3 | 2 | 2 | | 5 | 2 |
| 172 | Cutting instruments (accidental)..... | | | | | | | | | | | | | |
| 173 | Falls (accidental)..... | 31 | 9 | 40 | .094 | .082 | .091 | .619 | 20 | 11 | 6 | 3 | 26 | 14 |
| 174 | Trammatism in mines (accidental): | | | | | | | | | | | | | |
| | 1. Boiler explosion..... | | | | | | | | | | | | | |
| | 2. Elevator..... | | 2 | 2 | | .018 | .005 | .031 | | | 2 | | 2 | 1 |
| 175 | Trammatism by vehicles, railways, etc. (accidental): | | 1 | 1 | | .009 | .002 | .016 | | | | 1 | | |
| | 1. Airplane..... | | | | | | | | | | | | | |
| | 2. Automobile..... | 4 | | 4 | .012 | | .000 | .062 | 4 | | | | 4 | |
| | 3. Ax flying..... | 36 | 7 | 43 | .110 | .064 | .098 | .665 | 27 | 9 | 6 | 1 | 33 | 10 |
| | 4. Coasting..... | 1 | 1 | 1 | | .009 | .003 | .015 | | | | | 1 | |
| | 5. Parachute, fall from..... | 2 | | 2 | .006 | | .004 | .031 | 2 | | | | 2 | |
| | 6. Railroad, stream..... | 1 | | 1 | | | .002 | .016 | | | | | 1 | |
| | 7. Railroad, street..... | 6 | 4 | 10 | .018 | .036 | .023 | .155 | 6 | | | | 10 | |
| | 8. Run over by fire truck..... | 9 | 3 | 12 | .028 | .027 | .002 | .186 | 5 | 4 | 3 | | 8 | 4 |
| | 9. Vehicles, injured by..... | 1 | 1 | 1 | | | .002 | .015 | 1 | | | | 1 | |
| | | 1 | 1 | 2 | .003 | .009 | .005 | .031 | 1 | | 1 | | 2 | |

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1920, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

| Calendar year 1920. | | | | | | | | | | | | | | | | |
|--|-------------------------------------|----------|-------|----------------------|----------|-------|--|---------|-------------------------|---------|----------|---------|---------------|-------|-------|-------|
| Cause of death. | Total deaths. | | | General death rates. | | | Per-centage of each cause to total mor-tality. | | Deaths by race and sex. | | | | Total by sex. | | | |
| | | | | | | | | | White. | | Colored. | | | | | |
| | White. | Colored. | All. | White. | Colored. | All. | Male. | Female. | Male. | Female. | Male. | Female. | | | | |
| X. Malformations. | | | | | | | | | | | | | | | | |
| Congenital malformations: | | | | | | | | | | | | | | | | |
| 150 | 1. Craniocleisis..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... |
| | 2. Gall-bladder, absence of..... | 3 | ..... | 2 | .006 | ..... | .004 | .031 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... |
| | 3. Hydrocephalus..... | 2 | ..... | 1 | .003 | .018 | .002 | .077 | ..... | 1 | ..... | ..... | ..... | 2 | ..... | ..... |
| | 4. Hydrocephalus..... | 1 | ..... | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| | 5. Microcephalus..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 6. Open foramen ovale..... | 20 | 8 | 28 | .061 | .073 | .064 | .433 | ..... | 12 | 8 | 2 | 6 | 14 | 14 | ..... |
| | 7. Spina bifida..... | 1 | ..... | 2 | .003 | .009 | .005 | .031 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... |
| | Total malformations..... | 29 | 11 | 40 | .089 | .100 | .091 | .618 | ..... | 16 | 13 | 4 | 7 | 20 | 20 | ..... |
| XI. Early infancy. | | | | | | | | | | | | | | | | |
| Congenital debility, icterus, sclerema, etc.: | | | | | | | | | | | | | | | | |
| 151 | 1. Congenital debility..... | 4 | 12 | 16 | .012 | .109 | .037 | .248 | ..... | 2 | 2 | 8 | 4 | 10 | 6 | ..... |
| | 2. Icterus neonatorum..... | 3 | 5 | 8 | .009 | .018 | .011 | .077 | ..... | 3 | ..... | 2 | ..... | 5 | ..... | ..... |
| | 3. Inanition..... | 8 | 4 | 12 | .024 | .036 | .027 | .186 | ..... | 4 | 4 | 2 | 2 | 6 | ..... | ..... |
| | 4. Marasmus..... | 26 | 13 | 39 | .079 | .118 | .089 | .603 | ..... | 15 | 11 | 2 | 11 | 17 | ..... | ..... |
| | 5. Prematurity..... | 140 | 103 | 243 | .427 | .937 | .555 | 3.760 | ..... | 77 | 63 | 56 | 47 | 133 | 110 | ..... |
| Other causes peculiar to early infancy: | | | | | | | | | | | | | | | | |
| 152 | 1. Asphyxia neonatorum..... | 9 | 1 | 10 | .028 | .009 | .023 | .155 | ..... | 4 | 5 | ..... | ..... | 4 | 6 | ..... |
| | 2. Atelectasis..... | 11 | 6 | 17 | .034 | .054 | .039 | .263 | ..... | 7 | 4 | 5 | 1 | 12 | 5 | ..... |
| | 3. Caesarian section..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| | 4. Cephalhematoma..... | 1 | ..... | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| | 5. Haemophilia..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 6. Hemorrhage, neonatorum..... | 2 | 4 | 6 | .006 | .037 | .014 | .083 | ..... | 2 | ..... | 3 | 1 | 5 | ..... | ..... |
| | 7. Malpresentation..... | ..... | 2 | 2 | ..... | .018 | .004 | .031 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 8. Melæna neonatorum..... | 1 | 1 | 2 | .003 | .009 | .005 | .031 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | 9. Prolapsed labor (difficult)..... | 12 | 5 | 17 | .037 | .046 | .039 | .263 | ..... | 10 | 2 | 4 | 1 | 14 | 1 | ..... |
| | 10. Umbilical sepsis..... | 1 | 1 | 2 | .003 | .009 | .004 | .031 | ..... | 1 | ..... | ..... | ..... | 1 | ..... | ..... |
| | Exposure..... | ..... | ..... | ..... | ..... | .009 | .003 | .015 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | Total early infancy..... | 220 | 155 | 375 | .672 | 1.409 | .857 | 5.892 | ..... | 129 | 91 | 84 | 71 | 213 | 162 | ..... |

XII. *Senility.*

Senile debility, total.....

| | 48 | 16 | 64 | 147 | 145 | 146 | 990 | 20 | 28 | 5 | 11 | 25 | 39 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| XIII. <i>External causes.</i> | | | | | | | | | | | | | |
| Suicide by poison: | | | | | | | | | | | | | |
| 1. Ammonia..... | 1 | 1 | 1 | ..... | .009 | .002 | .015 | ..... | ..... | ..... | 1 | ..... | 1 |
| 2. Bichloride of mercury..... | 1 | 1 | 1 | ..... | .009 | .002 | .016 | ..... | ..... | ..... | 1 | ..... | 1 |
| 3. Carbolic acid..... | 11 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | 1 | ..... | ..... | 1 | 1 |
| 4. Veronal..... | 11 | ..... | 1 | .003 | ..... | .003 | .016 | ..... | ..... | ..... | ..... | ..... | ..... |
| Suicide, illuminating gas..... | 11 | ..... | 11 | .034 | ..... | .025 | .170 | ..... | 4 | ..... | ..... | 7 | 4 |
| Suicide, hanging..... | 9 | 1 | 10 | .028 | .009 | .023 | .155 | ..... | 2 | ..... | 1 | 7 | 3 |
| Suicide, drowning..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | 1 | ..... |
| Suicide, firearms..... | 11 | 2 | 13 | .034 | .018 | .030 | .201 | ..... | ..... | 2 | ..... | 13 | ..... |
| Suicide, cutting instruments..... | 3 | ..... | 3 | .009 | ..... | .006 | .046 | ..... | ..... | ..... | ..... | 3 | ..... |
| Suicide, jumping from high places..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Suicide, crushing..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Suicide, other forms..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Poisoning by food (accidental)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Other acute poisoning (accidental): | | | | | | | | | | | | | |
| 1. Alcohol, methyl..... | 5 | 6 | 11 | .015 | .055 | .025 | .170 | ..... | ..... | 4 | 2 | 9 | 2 |
| 2. Carbolic acid..... | 2 | ..... | 2 | .006 | ..... | .004 | .031 | ..... | 2 | ..... | ..... | ..... | 2 |
| 3. Cocaine..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | 1 | ..... |
| 4. Phenol..... | 1 | ..... | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... | ..... | ..... |
| 5. Potassium cyanide..... | 1 | ..... | 1 | .003 | ..... | .003 | .015 | ..... | ..... | ..... | ..... | ..... | 1 |
| 6. Veronal..... | 1 | ..... | 1 | .003 | ..... | .002 | .016 | ..... | ..... | ..... | ..... | ..... | 1 |
| Conflagration..... | 1 | 1 | 2 | .003 | .009 | .005 | .031 | ..... | 1 | ..... | 1 | 1 | 1 |
| Burns and scalds..... | 27 | 21 | 48 | .082 | .191 | .110 | .743 | ..... | 17 | 5 | 16 | 15 | 33 |
| Absorption of deleterious gases (accidental): | | | | | | | | | | | | | |
| 1. Asphyxiation, in bed..... | 3 | 1 | 4 | .009 | .009 | .009 | .052 | ..... | ..... | ..... | 1 | 1 | 3 |
| 2. Carbon monoxide..... | 1 | 1 | 2 | .003 | ..... | .009 | .004 | ..... | ..... | 1 | ..... | 2 | ..... |
| 3. Ether narcosis..... | ..... | ..... | 1 | ..... | .009 | .002 | .015 | ..... | ..... | ..... | ..... | ..... | 1 |
| 4. Illuminating gas..... | 22 | 2 | 24 | .067 | .018 | .055 | .371 | ..... | 10 | 1 | 1 | 13 | 11 |
| Firearms (accidental)..... | 21 | 5 | 26 | .064 | .046 | .059 | .402 | ..... | 20 | 4 | 1 | 24 | 2 |
| Crushing instruments (accidental)..... | 5 | 2 | 7 | .015 | .018 | .016 | .108 | ..... | 3 | 2 | ..... | 5 | 2 |
| Falls (accidental)..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Tramism in mines (accidental)..... | 31 | 9 | 40 | .094 | .082 | .091 | .619 | ..... | 11 | 6 | 3 | 26 | 14 |
| Traumatism by machinery (accidental): | | | | | | | | | | | | | |
| 1. Boiler explosion..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 2. Elevator..... | ..... | 2 | 2 | ..... | .018 | .005 | .031 | ..... | ..... | 2 | ..... | 2 | 1 |
| Traumatism by vehicles, railways, etc. (accidental): | | | | | | | | | | | | | |
| 1. Airplane..... | 4 | ..... | 4 | .012 | ..... | .009 | .062 | ..... | ..... | ..... | ..... | 4 | ..... |
| 2. Automobile..... | 36 | 7 | 43 | .110 | .064 | .098 | .605 | ..... | 9 | 6 | 1 | 33 | 10 |
| 3. Ax diving..... | ..... | 1 | ..... | ..... | .009 | .003 | .015 | ..... | ..... | ..... | ..... | 1 | ..... |
| 4. Coastling..... | 2 | ..... | 2 | .006 | ..... | .001 | .031 | ..... | ..... | ..... | ..... | 2 | ..... |
| 5. Parachute, fall from..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | 1 | ..... |
| 6. Railroad, steam..... | 6 | 4 | 10 | .018 | .030 | .025 | .155 | ..... | 6 | ..... | ..... | 10 | ..... |
| 7. Railroad, street..... | 9 | 3 | 12 | .028 | .027 | .023 | .185 | ..... | 4 | 3 | ..... | 18 | 4 |
| 8. Run over by fire truck..... | 1 | ..... | 1 | .003 | ..... | .002 | .015 | ..... | ..... | ..... | ..... | 1 | ..... |
| 9. Vehicles, injured by..... | 1 | 1 | 2 | .003 | .009 | .005 | .031 | ..... | ..... | 1 | ..... | 2 | ..... |

TABLE 1a.—Showing deaths and death rates in the District of Columbia during the calendar year 1920, arranged with reference to race and sex, and classified with reference to causes of death—Continued.

| Cause of death. | Calendar year 1920. | | | | | | | | | | |
|---|---------------------|----------|------|----------------------|----------|------|-------------------------|---------|-------|---------------|-----|
| | Total deaths. | | | General death rates. | | | Deaths by race and sex. | | | Total by sex. | |
| | | | | | | | | | | | |
| | White. | Colored. | All. | White. | Colored. | All. | Male. | Female. | Male. | Female. | |
| XIII. External causes—Continued. | | | | | | | | | | | |
| 176 Kicked by horse..... | | | | | | | | | | | |
| 177 Starvation..... | | | | | | | | | | | |
| 178 Exposure to cold..... | | 1 | 1 | | .009 | .002 | | | | 1 | 1 |
| 179 Heat exhaustion..... | | 1 | 1 | | .009 | .003 | | | | 1 | 1 |
| 180 Lightning..... | | | | | | | | | | | |
| 181 Electric shock (accidental)..... | 5 | 1 | 6 | .015 | .009 | .014 | 5 | 1 | 1 | 6 | 9 |
| 182 Homicide, firearms..... | 12 | 21 | 33 | .037 | .191 | .075 | 9 | 3 | 15 | 24 | 24 |
| 183 Homicide, cutting instruments..... | 1 | 1 | 2 | .003 | .009 | .004 | 1 | 1 | 1 | 1 | 1 |
| 184 Homicide, other forms: | | | | | | | | | | | |
| 1. Abortion, criminal..... | 1 | 1 | 2 | .003 | .009 | .005 | | 1 | | 1 | 2 |
| 2. Assault, fractured skull..... | 6 | 2 | 8 | .018 | .018 | .018 | 4 | 1 | 1 | 5 | 3 |
| 3. Automobile collision..... | 3 | 3 | 6 | .009 | .027 | .014 | 2 | 1 | 1 | 4 | 2 |
| 4. Methyl alcohol poison..... | | 1 | 1 | | .009 | .002 | | | 1 | 1 | 1 |
| 5. Struck by burning lamp..... | | 1 | 1 | | .009 | .002 | | | | | 1 |
| 6. Struck by railroad train (criminal neglect)..... | 1 | 1 | 2 | .003 | | .006 | 1 | | | 1 | 1 |
| Fractures, Vertebra..... | 2 | 2 | 2 | .006 | | .004 | 2 | | 2 | | 2 |
| Other external causes (accidental): | | | | | | | | | | | |
| 1. Foreign body in air passages..... | 1 | 1 | 1 | .003 | | .003 | 1 | | | 1 | 1 |
| 2. Falling body, injured by..... | 1 | 1 | 1 | .003 | | .002 | 1 | | | 1 | 1 |
| 3. Football injury..... | 1 | 1 | 1 | .003 | | .002 | 1 | | | 1 | 1 |
| 4. Legal execution..... | | 2 | 2 | | .018 | .005 | | | 2 | | 2 |
| Battle wound, in France..... | 2 | | 2 | .006 | | .004 | 2 | | | 2 | 2 |
| 186 Total external causes..... | 255 | 108 | 363 | .778 | .980 | .830 | 180 | 75 | 64 | 244 | 119 |
| W. | | | | | | | | | | | |
| XIV. Ill-defined diseases. | | | | | | | | | | | |
| 187 Ill-defined organic diseases..... | | | | | | | | | | | |
| 188 Sudden deaths..... | | | | | | | | | | | |
| 189 Ill-defined causes: | | | | | | | | | | | |
| 1. Dentition..... | | 3 | 3 | | .027 | .006 | | | 2 | 1 | 1 |
| 2. Debility, general..... | | 1 | 1 | | .009 | .002 | | | 1 | | 1 |

| | | | | | | | | | | | | |
|---|-------|-------|-------|--------|--------|--------|----------|-------|-------|-------|-------|-------|
| 3. Marasmus (1 to 69 years)..... | 1 | 2 | 3 | .003 | .018 | .007 | .046 | 1 | 1 | 1 | 2 | 1 |
| 4. Unknown cause..... | 2 | 1 | 3 | .006 | .009 | .006 | .047 | ..... | ..... | ..... | ..... | 3 |
| Total ill-defined diseases..... | 3 | 7 | 10 | .009 | .063 | .023 | .154 | 1 | 2 | 3 | 4 | 6 |
| SUMMARY. | | | | | | | | | | | | |
| I. General diseases..... | 1,066 | 584 | 1,650 | 3,254 | 5,316 | 3,771 | 25,530 | 554 | 512 | 267 | 317 | 820 |
| II. Diseases of nervous system and organs of special sense..... | 1,482 | 186 | 1,668 | 1,471 | 1,601 | 1,527 | 10,333 | 215 | 237 | 85 | 100 | 337 |
| III. Diseases of circulatory system..... | 804 | 201 | 1,005 | 2,454 | 2,616 | 2,302 | 16,942 | 404 | 400 | 120 | 171 | 331 |
| IV. Diseases of respiratory system..... | 545 | 463 | 1,011 | 1,693 | 4,238 | 2,316 | 15,643 | 276 | 269 | 203 | 293 | 521 |
| V. Diseases of digestive system..... | 289 | 192 | 481 | 1,882 | 1,715 | 1,090 | 7,442 | 169 | 120 | 102 | 40 | 273 |
| VI. Diseases of genito-urinary system (nonvenereal)..... | 373 | 229 | 602 | 1,139 | 2,083 | 1,376 | 9,315 | 204 | 169 | 94 | 135 | 210 |
| VII. The puerperal state..... | 36 | 29 | 65 | 110 | 263 | 148 | 1,006 | ..... | 36 | ..... | ..... | 301 |
| VIII. Diseases of skin and cellular tissue..... | 17 | 9 | 26 | 102 | .082 | .056 | .402 | 12 | 5 | 1 | 20 | 65 |
| IX. Diseases of bones and organs of locomotion..... | 7 | 6 | 13 | .021 | .054 | .030 | .201 | 17 | ..... | 3 | 5 | 40 |
| X. Malformations..... | 29 | 11 | 40 | .089 | .000 | .091 | .618 | 15 | 13 | 3 | 10 | 3 |
| XI. Early infancy..... | 220 | 155 | 375 | .672 | 1.400 | .557 | 5,892 | 129 | 91 | 81 | 71 | 20 |
| XII. Senility..... | 48 | 16 | 64 | .117 | .145 | .146 | 5,990 | 20 | 28 | 5 | 11 | 162 |
| XIII. External causes..... | 255 | 108 | 363 | .778 | .080 | .529 | 5,617 | 180 | 75 | 64 | 44 | 30 |
| XIV. Ill-defined diseases..... | 3 | 7 | 10 | .009 | .063 | .023 | .154 | 1 | 2 | 3 | 4 | 119 |
| Total deaths all causes..... | 4,174 | 2,289 | 6,463 | 12,741 | 20,813 | 14,776 | 100,000 | 2,217 | 1,957 | 1,039 | 1,250 | 3,207 |
| | | | | | | | (99,998) | | | | | 3,253 |

[illegible]

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|--|---------------------------------|-----|----|----|---------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 59 | Other chronic poisonings: 1. Acetanilide..... 2. Morphism..... | 1 1 | 102 | 74 | 31 | 45 | 78 | 86 | 38 | 40 | 41 | 34 | 25 | 39 | 42 | 26 | 26 | 41 | 30 | 20 | 26 | 38 | 30 | 11 | 21 |
| | Total general diseases..... | 1,650 | | | | | | | | | | | | | | | | | | | | | | | |
| | II. Diseases of nervous system and organs of special sense. | | | | | | | | | | | | | | | | | | | | | | | | |
| | Encephalitis, acute..... | 5 | | | | | 2 | | 1 | | | 2 | 1 | 1 | 3 | | 1 | | | | | | 1 | | |
| 60 | Encephalitis, lethargica..... | 13 | | | | | | | 1 | | | | | | | | | | | | | 1 | | | |
| 61 | Menigitis, epidemic cerebrospinal..... | 3 | | | | | 1 | | | | | | | | | | | | | | | | | | |
| 62 | Menigitis, simple..... | 38 | 2 | 1 | | | 4 | | 1 | 1 | 3 | 2 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | | 3 | |
| 63 | Locomotor ataxia..... | 5 | | 1 | | | | | | | | | | | | | | | | | | | | | |
| | Other diseases of spinal cord: 1. Atrophy, progressive muscular..... 2. Bulbar paralysis..... 3. Myasthenia gravis..... 4. Myelitis..... 5. Paralysis agitans..... 6. Poliomyelitis, acute anterior..... 7. Spinal sclerosis..... | 3 1 1 5 2 2 2 | | | | 1 1 1 1 1 1 1 | | | | | | 1 | | | | | | | | | | | | | |
| 64 | Cerebral hemorrhage..... | 47 | 11 | 15 | 5 | 8 | 18 | 31 | 7 | 7 | 19 | 27 | 1 | 5 | 16 | 12 | 8 | 7 | 16 | 15 | 2 | 6 | 9 | 21 | 2 |
| 65 | Cerebral softening..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | Hemiplegia and paraplegia..... | 12 | 1 | | | | 1 | | | 1 | | | | 1 | | | 1 | | | | | | | | |
| 67 | General paralysis of insane..... | 42 | 3 | | | 1 | 4 | | 1 | 2 | | | 2 | 4 | | | | 5 | | 1 | | 1 | 4 | 1 | |
| 68 | Mental alienation, other forms..... | 19 | | | | 1 | | | 1 | | | | | | | | | | | | | | | | |
| 69 | Epilepsy..... | 13 | 1 | | | | 1 | | | 1 | 1 | | | | | | | | | | | | | | |
| 70 | Convulsions (nonpuerperal)..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | Convulsions, infantile (under 5 years)..... | 5 | | | | | 1 | | | | | | | | | | 1 | | | | | | | | |
| 72 | Chorea..... | 3 | | | | | | | | 1 | | | | | | | | | | | | 1 | | | |
| 73 | Neuritis..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | Other diseases of nervous system: 1. Brain disease, organic..... 2. Hydrocephalus..... 3. Neurasthenia..... 4. Tumor, cerebral..... | 6 1 2 4 | | | | | | | | | | | | | | | 2 | | | | | | 1 | | |
| 75 | Diseases of eye and anexa..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | Otitis media..... | 7 | | 1 | | | 1 | | | | | | | | | | | | | 1 | | | 1 | | |
| | Total diseases of nervous system and organs of special sense..... | 668 | 18 | 17 | 7 | 10 | 33 | 31 | 11 | 10 | 28 | 34 | 7 | 8 | 27 | 17 | 14 | 10 | 24 | 18 | 5 | 9 | 16 | 27 | 5 |
| | III. Diseases of circulatory system. | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | Pericarditis..... | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | Endocarditis and myocarditis (under 60 years)..... | 128 | 2 | 5 | 2 | 2 | | 3 | | 3 | 3 | 4 | 3 | 2 | 3 | | 2 | 3 | 6 | 5 | 3 | 2 | | 1 | |
| 79 | Organic heart disease (valvular)..... | 683 | 20 | 34 | 11 | 18 | 21 | 32 | 9 | 12 | 22 | 33 | 5 | 9 | 25 | 19 | 7 | 10 | 21 | 17 | 8 | 7 | 21 | 15 | 3 |
| 80 | Angina pectoris..... | 33 | 4 | | | | 1 | 1 | 1 | | 3 | 5 | | | 1 | | 1 | 2 | 1 | | | | | | |
| 81 | Diseases of arteries: 1. Aneurism..... 2. Arteriosclerosis..... 3. Endarteritis..... | 19 176 1 | | | | 4 | 1 | 2 | 2 | 1 | 5 | 6 | 2 | 8 | 3 | 1 | | 7 | 9 | 1 | 1 | 6 | 5 | 3 | 2 |

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TABLE 1b.—Showing deaths in the District of Columbia during the calendar year 1920, arranged with reference to months, and classified with reference to race, sex, and causes of death—Continued.

| Classification number. | Cause of death. | Total deaths, Year 1920. | January. | | | | February. | | | | March. | | | | April. | | | | May. | | | | June. | | | |
|------------------------|---|--------------------------|----------|-----|----------|-----|-----------|-----|----------|-----|--------|-----|----------|-----|--------|-----|----------|-----|--------|-----|----------|----|--------|-----|----------|----|
| | | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | | White. | | Colored. | |
| | | | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| 186 | XIII. External causes—Continued. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Other external causes (accidental): | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Foreign body in air passages..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Falling body in air passages..... | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Football injury..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Legal execution..... | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 186W | Battle wound, in France..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total external causes..... | 363 | 20 | 13 | 5 | 13 | 14 | 5 | 4 | 4 | 22 | 9 | 6 | 6 | 8 | 7 | 6 | 4 | 10 | 2 | 6 | 2 | 19 | 1 | 7 | |
| 187 | XIV. Ill-defined diseases. | | | | | | | | | | | | | | | | | | | | | | | | | |
| 188 | Ill-defined organic diseases..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| 189 | Sudden death..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ill-defined causes: | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1. Dehydration..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2. Debility; febrile..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3. Marasmus (1 to 60 years)..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4. Unknown cause..... | 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total ill-defined diseases..... | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| | SUMMARY. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | I. General diseases..... | 1,650 | 102 | 74 | 31 | 45 | 78 | 86 | 38 | 40 | 41 | 34 | 26 | 25 | 39 | 42 | 26 | 26 | 41 | 30 | 20 | 26 | 38 | 30 | 11 | 21 |
| | II. Diseases of nervous system and organs of special sense..... | 668 | 18 | 17 | 7 | 10 | 33 | 31 | 11 | 10 | 28 | 34 | 7 | 8 | 27 | 17 | 14 | 10 | 24 | 18 | 5 | 9 | 16 | 27 | 5 | 8 |
| | III. Diseases of circulatory system..... | 1,665 | 33 | 46 | 19 | 24 | 39 | 57 | 12 | 17 | 35 | 51 | 10 | 13 | 40 | 22 | 10 | 11 | 36 | 33 | 13 | 10 | 28 | 26 | 9 | 17 |
| | IV. Diseases of respiratory system..... | 1,011 | 66 | 64 | 49 | 65 | 70 | 78 | 46 | 51 | 20 | 22 | 24 | 23 | 21 | 18 | 10 | 16 | 12 | 11 | 10 | 9 | 12 | 12 | 1 | 5 |
| | V. Diseases of digestive system..... | 692 | 21 | 10 | 4 | 11 | 11 | 15 | 12 | 10 | 5 | 6 | 17 | 5 | 4 | 13 | 5 | 4 | 15 | 10 | 7 | 6 | 11 | 11 | 1 | 8 |
| | VI. Diseases of urinary system (nonpuerperal)..... | 65 | 1 | 2 | 1 | 2 | 2 | 3 | 6 | 1 | 2 | 4 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 3 | 1 | 1 | 2 | 15 | 7 | 3 |
| | VII. The puerperal state..... | 26 | | | | | | | | | | | | | | | | | | | | | | | | |
| | VIII. Diseases of skin and cellular tissue..... | 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| | IX. Diseases of bones and organs of locomotion..... | 40 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | X. Malformations..... | 375 | 18 | 10 | 10 | 6 | 17 | 5 | 7 | 1 | 10 | 9 | 6 | 4 | 8 | 7 | 9 | 6 | 8 | 9 | 10 | 9 | 6 | 9 | 8 | 10 |
| | XI. Early infancy..... | 64 | 1 | 6 | 1 | 1 | 5 | 3 | 3 | 3 | 3 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 7 |
| | XII. Senility..... | 363 | 20 | 13 | 5 | 13 | 14 | 5 | 4 | 4 | 22 | 9 | 6 | 6 | 8 | 7 | 6 | 4 | 10 | 2 | 6 | 2 | 19 | 1 | 7 | |
| | XIII. External causes..... | 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| | XIV. Ill-defined diseases..... | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total deaths, all causes..... | 6,463 | 300 | 202 | 136 | 185 | 294 | 290 | 134 | 147 | 197 | 197 | 95 | 108 | 172 | 142 | 95 | 104 | 171 | 137 | 78 | 88 | 155 | 136 | 67 | 81 |

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VI. Nonvenereal diseases of genitourinary system.

| VI. Nonvenereal diseases of genitourinary system. | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------------|------------------|------------------|----|----|----|---|---|----|---|---|----|----|----|---|----|----|----|----|----|----|----|---|----|
| 119 | Nephritis, acute..... | 70 | 2 | 1 | 3 | 3 | 8 | 8 | 4 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | 2 | 4 | 2 | 2 | 1 | 8 | | | |
| 120 | Nephritis, chronic..... | 441 | 5 | 9 | 8 | 5 | 8 | 8 | 3 | 6 | 6 | 3 | 6 | 11 | 9 | 4 | 6 | 12 | 6 | 15 | 11 | 4 | | | |
| 121 | Chyluria..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | Other diseases of kidneys and annexa: 1. Cysts of kidney..... 2. Pyonephrosis..... 3. Suppression of urine..... | 1 19 2 6 1 | 1 1 1 1 | 1 1 1 1 | | | | | 1 | | | | | | | | | 1 | 1 | 2 | 1 | 1 | | | |
| 123 | Renal calculi..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 124 | Cystitis..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 125 | Diseases of prostate: 1. Hypertrophy..... 2. Prostatotomy..... 3. Prostatitis..... | 10 1 3 | 1 1 1 | 1 1 1 | | | | | 2 | | | | | | | | | 1 | | 1 | | | | | |
| 126 | Urethral stricture..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | Phlegmon of scrotum..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | Uterine hemorrhage (nonpuerperal)..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 129 | Uterine fibroids..... | 21 | | | 2 | 3 | 2 | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | | | 1 | | | | |
| 130 | Other diseases of uterus: 1. Menopause..... 2. Pelvic abscess..... 3. Prolapsed uterus..... | 1 4 3 | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | |
| 131 | Ovarian cysts..... | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 132 | Salpingitis..... | 15 | | | 1 | 1 | | | | | | | | | | | | | 2 | | | | | | |
| 133 | Mastitis..... | | | | | | | | | | | | | | | | | | | | | | | | |
| Total nonvenereal diseases of genitourinary system. | | 602 | 8 | 10 | 11 | 12 | 13 | 8 | 6 | 12 | 8 | 4 | 10 | 12 | 13 | 7 | 10 | 19 | 17 | 8 | 12 | 19 | 12 | 5 | 11 |

VII. The puerperal state.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|---|------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| 134 | Accidents of pregnancy: 1. Abortion, self-induced..... 2. Ectopic gestation..... 3. Hyperemesis gravidarum..... 4. Pregnancy..... | 2 2 2 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 135 | Puerperal hemorrhage: 1. Placenta previa..... 2. Puerperal hemorrhage..... | 4 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 136 | Other accidents of pregnancy: 1. Caesarian section..... 2. Deformed pelvis..... 3. Difficult birth..... 4. Ruptured uterus..... | 4 4 4 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 137 | Puerperal peritonitis..... | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 138 | Puerperal septicemia and fever..... | 18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 139 | Puerperal nephritis and eclampsia..... | 20 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 140 | Puerperal phlebitis..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| 141 | Other puerperal diseases (insanity, etc.)..... | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | Puerperal diseases of breast..... | | | | | | | | | | | | | | | | | | | | | | | | |
| Total the puerperal state..... | | 65 | | | | | | | | | | | | | | | | | | | | | | | |

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[illegible]

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XIII. External causes.

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

TABLE 1d.—Showing deaths in the District of Columbia during the calendar year 1920, arranged with reference to marital relations and to nativity, and classified with reference to race, sex, and causes of death—Continued.

| Classi- fica- tion num- ber. | Cause of death. | Marital relations. | | | | | | | | | | Nativity. | | | | | |
|--|---|--------------------|-------|---------|-------|----------------------|-------|----------|-------|--------------------------|-------|--------------------------------------|-------|----------|-------|----------|-------|
| | | Married. | | Single. | | Widow or widower. | | Unknown. | | District of Columbia. | | Other parts of the United States. | | Foreign. | | Unknown. | |
| | | W. C. | | W. C. | | W. C. | | W. C. | | W. C. | | W. C. | | W. C. | | W. C. | |
| | | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. | M. F. |
| 146 | IX. Diseases of bones and organs of locomotion—Continued. | | | | | | | | | | | | | | | | |
| | Diseases of bones: | | | | | | | | | | | | | | | | |
| | 1. Mastoiditis..... | 1 | | 3 | 1 | | | | | 3 | | 1 | 1 | | | | |
| | 2. Osteomyelitis..... | | | 2 | 1 | 1 | | | | 1 | | 1 | 1 | | | | |
| 147 | Arthritis..... | | 1 | | | | | | | | | | | | | | |
| 148 | Resection of femur..... | | | 1 | | | | | | | | 1 | | | | | |
| 149 | Perichondritis..... | | | | | | | | | | | | | | | | |
| | Total diseases of bones and organs of locomotion..... | 1 | 2 | 6 | 2 | 1 | | | | 4 | | 3 | 2 | | | | |
| | X. Malformations. | | | | | | | | | | | | | | | | |
| 150 | Congenital malformation: | | | | | | | | | | | | | | | | |
| | 1. Cranioschisis..... | | | 1 | | | | | | 1 | | | | | | | |
| | 2. Gall bladder, abscess of..... | | | 1 | 1 | | | | | 1 | | | | | | 1 | |
| | 3. Hydrocephalus..... | | | 1 | 2 | 1 | 1 | | | 1 | 2 | 1 | 1 | | | | |
| | 4. Hydrocephalus..... | | | 1 | | | | | | | | | | | | | |
| | 5. Microcephalus..... | | | 1 | | | | | | 11 | 7 | 2 | 6 | 1 | 1 | | |
| | 6. Open foramen ovale..... | | | 12 | 8 | 6 | | | | | | | | | | | |
| | 7. Spinal bifida..... | | | 1 | 1 | | | | | 1 | | | | | | | |
| | Total malformations..... | | | 16 | 13 | 4 | 7 | | | 15 | 11 | 3 | 7 | 1 | 1 | 1 | |
| 151 | XI. Early infancy. | | | | | | | | | | | | | | | | |
| | Congenital debility, icterus, schisema: | | | | | | | | | | | | | | | | |
| | 1. Congenital debility..... | | | 2 | 2 | 8 | 4 | | | 2 | 7 | 3 | | | | 1 | 1 |
| | 2. Icterus neonatorum..... | | | 3 | | 2 | | | | 3 | 2 | | | | | 2 | |
| | 3. Inanition..... | | | 4 | 4 | 2 | 2 | | | 4 | 4 | 2 | 2 | | | | |
| | 4. Marasmus..... | | | 15 | 11 | 2 | 11 | | | 13 | 8 | 2 | 10 | | | 3 | 1 |
| | 5. Prematurity..... | | | 77 | 63 | 56 | 47 | | | 77 | 62 | 56 | 47 | | | 1 | |

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COLORED FEMALES.

| | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------|----|---|----|-------|----|----|----|-------|-------|----|----|----|-------|-----|----|----|----|-------|
| 1901-1905 ¹ | 1,315 | 29 | 4 | 17 | 898 | 40 | 11 | 27 | 68,29 | 764 | 47 | 1 | 1 | 58,10 | 471 | 57 | 8 | 1 | 35,82 |
| 1906-1910 ¹ | 1,304 | 31 | 0 | 7 | 930 | 43 | 1 | 23 | 71,32 | 814 | 47 | 3 | 27 | 62,43 | 496 | 57 | 6 | 1 | 38,00 |
| 1911-1915 ¹ | 1,234 | 35 | 1 | 27 | 965 | 44 | 7 | 25 | 78,20 | 895 | 48 | 3 | 20 | 70,09 | 556 | 58 | 8 | 22 | 43,06 |
| 1916..... | 1,231 | 37 | 3 | 4 | 999 | 45 | 8 | 20 | 81,15 | 894 | 49 | 5 | 9 | 72,62 | 598 | 59 | 3 | 1 | 43,57 |
| 1917..... | 1,296 | 38 | 2 | 21 | 1,073 | 46 | 0 | 12 | 82,79 | 981 | 49 | 0 | 28 | 75,69 | 636 | 58 | 6 | 29 | 50,62 |
| 1918..... | 1,666 | 35 | 3 | 10 | 1,387 | 42 | 2 | 3 | 83,25 | 1,230 | 45 | 9 | 11 | 73,83 | 716 | 57 | 7 | 14 | 42,97 |
| 1919..... | 1,194 | 37 | 0 | 28 | 1,983 | 44 | 10 | 5 | 82,32 | 1,880 | 48 | 5 | 20 | 73,70 | 571 | 58 | 4 | 7 | 47,82 |
| 1920..... | 1,250 | 36 | 4 | 28 | 1,029 | 44 | 0 | 20 | 82,32 | 911 | 47 | 11 | 20 | 72,88 | 566 | 58 | 11 | 28 | 45,28 |

¹ Annual average for 5-year period.

TABLE 4.—*Summary of decedents (stillbirths excluded) in the District of Columbia under 1 year of age, by race, age, and months, during the calendar year 1920.*

| Age. | Deaths. | | | Percentage of— | | |
|------------------------|---------|----------|------|-----------------------------|------------------------------|----------------------------|
| | White. | Colored. | All. | Whites under 1 year of age. | Colored under 1 year of age. | Total under 1 year of age. |
| Under 1 day..... | 112 | 60 | 172 | 24.72 | 17.24 | 21.47 |
| 1 day to 1 week..... | 85 | 61 | 146 | 18.76 | 17.53 | 18.23 |
| 1 week to 1 month..... | 60 | 41 | 101 | 13.25 | 11.78 | 12.61 |
| 1 to 2 months..... | 33 | 32 | 65 | 7.28 | 9.20 | 8.11 |
| 2 to 3 months..... | 20 | 17 | 37 | 4.41 | 4.89 | 4.62 |
| 3 to 4 months..... | 17 | 16 | 33 | 3.75 | 4.60 | 4.12 |
| 4 to 5 months..... | 24 | 15 | 39 | 5.30 | 4.31 | 4.87 |
| 5 to 6 months..... | 23 | 18 | 41 | 5.08 | 5.17 | 5.12 |
| 6 to 7 months..... | 20 | 18 | 38 | 4.41 | 5.17 | 4.74 |
| 7 to 8 months..... | 12 | 21 | 33 | 2.66 | 6.03 | 4.12 |
| 8 to 9 months..... | 10 | 15 | 25 | 2.21 | 4.31 | 3.12 |
| 9 to 10 months..... | 14 | 8 | 22 | 3.09 | 2.29 | 2.75 |
| 10 to 11 months..... | 15 | 13 | 28 | 3.31 | 3.73 | 3.50 |
| 11 to 12 months..... | 8 | 13 | 21 | 1.77 | 3.74 | 2.62 |
| Total..... | 453 | 348 | 801 | 100.00 | 100.00 | 100.00 |

TABLE 5.—*Number and age of decedents in the District of Columbia 70 years and over, during the calendar year 1920.*

| Age (years). | White. | | Colored. | | Total. | Age (years). | White. | | Colored. | | Total. |
|--------------|--------|----------|----------|----------|--------|--------------|--------|----------|----------|----------|--------|
| | Male. | Fe-male. | Male. | Fe-male. | | | Male. | Fe-male. | Male. | Fe-male. | |
| 70..... | 54 | 40 | 10 | 12 | 116 | 88..... | 8 | 12 | 2 | 3 | 25 |
| 71..... | 32 | 28 | 8 | 8 | 76 | 89..... | 6 | 10 | 1 | 7 | 18 |
| 72..... | 35 | 39 | 5 | 9 | 88 | 90..... | 6 | 10 | ..... | 1 | 23 |
| 73..... | 39 | 26 | 7 | 4 | 76 | 91..... | 6 | 9 | ..... | 1 | 16 |
| 74..... | 44 | 28 | 4 | 5 | 81 | 92..... | 6 | 5 | 1 | ..... | 12 |
| 75..... | 29 | 44 | 13 | 19 | 105 | 93..... | 1 | 2 | ..... | ..... | 3 |
| 76..... | 26 | 41 | 4 | 3 | 74 | 94..... | 1 | 1 | ..... | 1 | 5 |
| 77..... | 40 | 24 | 3 | 5 | 72 | 95..... | 1 | 2 | ..... | 2 | 3 |
| 78..... | 32 | 34 | 2 | 5 | 73 | 96..... | 2 | 2 | ..... | ..... | 4 |
| 79..... | 27 | 31 | 2 | 2 | 62 | 97..... | ..... | 4 | ..... | 1 | 5 |
| 80..... | 32 | 34 | 7 | 5 | 78 | 98..... | ..... | 2 | ..... | ..... | 2 |
| 81..... | 24 | 28 | 4 | 1 | 57 | 99..... | ..... | ..... | ..... | ..... | ..... |
| 82..... | 19 | 35 | 1 | 1 | 56 | 100..... | ..... | ..... | ..... | 1 | 1 |
| 83..... | 23 | 23 | 3 | 4 | 53 | 101..... | ..... | 1 | ..... | ..... | 1 |
| 84..... | 16 | 18 | 6 | 5 | 45 | 105..... | 1 | ..... | ..... | ..... | 1 |
| 85..... | 11 | 24 | 1 | 3 | 39 | 107..... | ..... | ..... | ..... | 1 | 1 |
| 86..... | 11 | 22 | ..... | ..... | 33 | | | | | | |
| 87..... | 7 | 14 | 2 | 1 | 24 | Total .. | 539 | 593 | 86 | 110 | 1,328 |

TABLE 9.—*Estimated population, deaths (stillbirths excluded), and death rate in the District of Columbia, by race and calendar years, from 1901 to 1920.*

| Year. | Population. | | | Deaths. | | | Death rates. | | |
|------------------------------|-------------|----------|---------|---------|----------|--------|--------------|----------|--------|
| | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | Total. |
| 1901-1905 ¹ | 217,606 | 93,719 | 311,325 | 3,395 | 2,647 | 6,042 | 15.60 | 28.20 | 19.41 |
| 1906-1910 ¹ | 240,244 | 96,696 | 336,940 | 3,626 | 2,678 | 6,304 | 15.09 | 27.69 | 18.71 |
| 1911-1915 ¹ | 255,162 | 98,281 | 353,443 | 3,665 | 2,523 | 6,188 | 14.35 | 25.63 | 17.49 |
| 1916..... | 260,854 | 99,143 | 359,997 | 3,953 | 2,541 | 6,494 | 15.15 | 25.63 | 18.04 |
| 1917..... | 293,329 | 102,618 | 395,947 | 4,070 | 2,617 | 6,687 | 13.88 | 25.50 | 16.89 |
| 1918..... | 312,806 | 104,599 | 417,405 | 6,262 | 3,320 | 9,582 | 20.02 | 31.74 | 22.96 |
| 1919..... | 340,796 | 114,632 | 455,428 | 4,100 | 2,272 | 6,372 | 12.03 | 19.82 | 13.99 |
| 1920..... | 327,595 | 109,976 | 437,571 | 4,174 | 2,289 | 6,463 | 12.74 | 20.81 | 14.77 |

¹ Average for 5-year period.

TABLE 10.—*Summary of deaths (stillbirths excluded) in the District of Columbia of children under 1 year of age, by sex and color.*

| Calendar year. | White. | | Colored. | | Grand total. | | |
|------------------------------|--------|---------|----------|---------|--------------|----------|--------|
| | Male. | Female. | Male. | Female. | White. | Colored. | Total. |
| 1901-1905 ¹ | 297 | 218 | 353 | 297 | 515 | 650 | 1,165 |
| 1906-1910 ¹ | 297 | 225 | 319 | 273 | 522 | 592 | 1,114 |
| 1911-1915 ¹ | 239 | 172 | 231 | 193 | 411 | 424 | 835 |
| 1916..... | 237 | 176 | 194 | 159 | 413 | 353 | 766 |
| 1917..... | 211 | 162 | 181 | 176 | 373 | 357 | 730 |
| 1918..... | 275 | 233 | 226 | 178 | 508 | 404 | 912 |
| 1919..... | 221 | 176 | 158 | 147 | 397 | 305 | 702 |
| 1920..... | 267 | 186 | 188 | 160 | 453 | 318 | 801 |

¹ Annual average for 5-year period.TABLE 11.—*Births and deaths (stillbirths excluded) in the District of Columbia by races under 1 year of age and from 1 to 4 years, inclusive.*

| Years. | White. | | | Colored. | | | Total. | | |
|------------------------------|---------|----------------------|----------------------|----------|----------------------|----------------------|---------|----------------------|----------------------|
| | Births. | Deaths under 1 year. | Deaths 1 to 4 years. | Births. | Deaths under 1 year. | Deaths 1 to 4 years. | Births. | Deaths under 1 year. | Deaths 1 to 4 years. |
| 1901-1905 ¹ | 3,429 | 519 | 168 | 1,980 | 650 | 246 | 5,409 | 1,169 | 414 |
| 1906-1910 ¹ | 4,632 | 522 | 163 | 2,268 | 592 | 200 | 6,900 | 1,114 | 363 |
| 1911-1915 ¹ | 4,794 | 411 | 123 | 2,234 | 424 | 154 | 7,028 | 835 | 277 |
| 1916..... | 5,042 | 413 | 121 | 2,216 | 353 | 143 | 7,258 | 795 | 264 |
| 1917..... | 5,291 | 373 | 136 | 2,228 | 357 | 133 | 7,519 | 730 | 269 |
| 1918..... | 6,063 | 508 | 257 | 2,158 | 404 | 231 | 8,221 | 912 | 488 |
| 1919..... | 5,964 | 397 | 169 | 2,267 | 305 | 123 | 8,231 | 702 | 292 |
| 1920..... | 6,360 | 453 | 151 | 2,529 | 348 | 124 | 8,888 | 801 | 275 |

¹ Annual average for 5-year period.TABLE 12.—*Deaths (stillbirths excluded) of infants under 1 day, and from 1 day to 1 week old, in the District of Columbia, with corresponding death rates based on registered births, during the years mentioned below.*

| Years. | Registered births. | | | Deaths under 1 day. | | | Death rates under 1 day. | | | Deaths 1 to 7 days. | | | Death rates 1 to 7 days. | | |
|------------------------------|--------------------|-------|-------|---------------------|----|------|--------------------------|------|------|---------------------|----|------|--------------------------|------|------|
| | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. | W. | C. | All. |
| 1901-1905 ¹ | 3,429 | 1,980 | 5,409 | 70 | 54 | 124 | 29.4 | 27.3 | 23.0 | 76 | 82 | 158 | 22.2 | 41.4 | 29.2 |
| 1906-1910 ¹ | 4,632 | 2,268 | 6,900 | 78 | 53 | 131 | 16.8 | 23.4 | 18.9 | 88 | 69 | 157 | 19.0 | 30.4 | 22.8 |
| 1911-1915 ¹ | 4,794 | 2,234 | 7,028 | 81 | 51 | 132 | 16.9 | 22.8 | 18.7 | 70 | 62 | 132 | 14.6 | 27.8 | 18.8 |
| 1916..... | 5,042 | 2,216 | 7,258 | 89 | 43 | 132 | 17.6 | 19.4 | 18.2 | 74 | 62 | 135 | 14.7 | 28.0 | 18.7 |
| 1917..... | 5,291 | 2,228 | 7,519 | 78 | 44 | 122 | 14.7 | 19.7 | 16.2 | 75 | 65 | 141 | 14.2 | 29.6 | 18.8 |
| 1918..... | 6,063 | 2,158 | 8,221 | 100 | 45 | 145 | 16.5 | 20.9 | 17.6 | 99 | 71 | 170 | 16.3 | 32.9 | 20.7 |
| 1919..... | 5,964 | 2,267 | 8,231 | 84 | 41 | 125 | 14.1 | 18.1 | 15.2 | 74 | 49 | 123 | 12.4 | 21.6 | 14.9 |
| 1920..... | 6,360 | 2,529 | 8,888 | 112 | 60 | 172 | 17.6 | 23.7 | 19.3 | 85 | 61 | 146 | 13.3 | 24.1 | 16.4 |

¹ Annual average for 5-year period.

TABLE 13.—Deaths (stillbirths excluded) and death rates in the District of Columbia, by race and by months, during the years mentioned below.

| Calendar year. | January. | | | | | February. | | | | | March. | | | | |
|------------------------------|----------|------------------------------------|----------|------------------------------------|---|-----------|------------------------------------|----------|------------------------------------|---|------------|------------------------------------|----------|------------------------------------|---|
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | |
| | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 323 | 148 | 251 | 268 | 184 | 307 | 141 | 228 | 243 | 171 | 332 | 152 | 226 | 241 | 179 |
| 1906-1910 ¹ | 338 | 140 | 237 | 245 | 170 | 325 | 135 | 224 | 231 | 163 | 343 | 142 | 257 | 264 | 178 |
| 1911-1915 ¹ | 344 | 135 | 224 | 222 | 161 | 340 | 133 | 217 | 220 | 157 | 374 | 146 | 240 | 244 | 174 |
| 1916..... | 399 | 153 | 246 | 248 | 179 | 353 | 135 | 208 | 209 | 156 | 418 | 160 | 234 | 236 | 181 |
| 1917..... | 437 | 149 | 259 | 252 | 176 | 367 | 125 | 227 | 221 | 150 | 399 | 133 | 260 | 253 | 166 |
| 1918..... | 461 | 147 | 261 | 249 | 173 | 382 | 122 | 232 | 221 | 147 | 502 | 160 | 309 | 295 | 194 |
| 1919..... | 647 | 190 | 303 | 264 | 208 | 376 | 110 | 223 | 194 | 132 | 409 | 120 | 216 | 188 | 137 |
| 1920..... | 562 | 172 | 321 | 292 | 202 | 584 | 178 | 281 | 256 | 198 | 394 | 120 | 203 | 185 | 139 |
| | | | | | | | | | | | | | | | |
| Calendar year. | April. | | | | | May. | | | | | June. | | | | |
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | |
| | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 287 | 132 | 217 | 231 | 162 | 251 | 115 | 201 | 214 | 145 | 253 | 116 | 231 | 246 | 155 |
| 1906-1910 ¹ | 314 | 131 | 228 | 235 | 161 | 282 | 117 | 206 | 213 | 145 | 280 | 116 | 223 | 230 | 149 |
| 1911-1915 ¹ | 327 | 128 | 227 | 231 | 156 | 289 | 113 | 202 | 205 | 139 | 261 | 102 | 193 | 196 | 128 |
| 1916..... | 353 | 135 | 225 | 228 | 161 | 310 | 119 | 197 | 199 | 141 | 271 | 104 | 173 | 174 | 123 |
| 1917..... | 344 | 117 | 217 | 211 | 142 | 334 | 114 | 188 | 183 | 132 | 294 | 100 | 181 | 176 | 120 |
| 1918..... | 458 | 146 | 247 | 236 | 169 | 330 | 105 | 220 | 210 | 132 | 298 | 95 | 220 | 210 | 124 |
| 1919..... | 324 | 95 | 165 | 144 | 107 | 313 | 92 | 191 | 167 | 111 | 239 | 70 | 166 | 145 | 89 |
| 1920..... | 314 | 96 | 199 | 181 | 117 | 308 | 94 | 166 | 151 | 108 | 291 | 89 | 148 | 135 | 100 |
| | | | | | | | | | | | | | | | |
| Calendar year. | July. | | | | | August. | | | | | September. | | | | |
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | |
| | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 314 | 144 | 282 | 300 | 191 | 253 | 116 | 227 | 242 | 154 | 237 | 109 | 186 | 198 | 136 |
| 1906-1910 ¹ | 322 | 134 | 268 | 277 | 175 | 287 | 111 | 216 | 223 | 143 | 264 | 110 | 194 | 201 | 136 |
| 1911-1915 ¹ | 299 | 117 | 221 | 224 | 147 | 258 | 101 | 205 | 208 | 131 | 261 | 102 | 187 | 190 | 127 |
| 1916..... | 298 | 114 | 248 | 250 | 152 | 295 | 102 | 223 | 225 | 136 | 282 | 108 | 217 | 219 | 139 |
| 1917..... | 260 | 89 | 217 | 211 | 120 | 307 | 105 | 209 | 204 | 130 | 291 | 99 | 227 | 221 | 131 |
| 1918..... | 352 | 113 | 239 | 228 | 141 | 325 | 104 | 200 | 191 | 123 | 348 | 111 | 190 | 182 | 128 |
| 1919..... | 328 | 96 | 188 | 164 | 113 | 245 | 72 | 172 | 150 | 92 | 258 | 76 | 134 | 117 | 86 |
| 1920..... | 268 | 82 | 160 | 145 | 98 | 243 | 74 | 143 | 130 | 88 | 250 | 76 | 159 | 144 | 93 |

TABLE 13.—Deaths (stillbirths excluded) and death rates in the District of Columbia, by race and by months, during the years mentioned below—Continued.

| Calendar year. | October. | | | | | November. | | | | | December. | | | | |
|------------------------------|----------|--|----------|--|--|-----------|--|----------|--|--|-----------|--|----------|--|--|
| | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. | White. | | Colored. | | rate per 100,000 total population. |
| | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | | Deaths. | Monthly death rate per 100,000. | Deaths. | Monthly death rate per 100,000. | |
| | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 270 | 124 | 198 | 211 | 150 | 271 | 125 | 185 | 197 | 146 | 297 | 136 | 217 | 231 | 165 |
| 1906-1910 ¹ | 278 | 116 | 205 | 212 | 143 | 280 | 117 | 196 | 203 | 141 | 334 | 139 | 224 | 232 | 166 |
| 1911-1915 ¹ | 282 | 110 | 207 | 210 | 138 | 300 | 118 | 201 | 204 | 142 | 330 | 129 | 200 | 202 | 150 |
| 1916..... | 303 | 116 | 182 | 183 | 135 | 341 | 131 | 187 | 189 | 147 | 360 | 134 | 200 | 203 | 156 |
| 1917..... | 317 | 108 | 196 | 191 | 130 | 334 | 114 | 202 | 197 | 135 | 386 | 131 | 234 | 228 | 156 |
| 1918..... | 1,707 | 546 | 667 | 638 | 569 | 433 | 138 | 204 | 195 | 153 | 666 | 213 | 331 | 316 | 239 |
| 1919..... | 290 | 85 | 149 | 133 | 96 | 326 | 96 | 152 | 133 | 105 | 345 | 101 | 213 | 185 | 123 |
| 1920..... | 280 | 85 | 153 | 139 | 99 | 322 | 98 | 173 | 157 | 113 | 358 | 109 | 183 | 166 | 124 |

¹ Annual average for 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below.

| Year. | 1 Aneurism. | | | | | | 2 Angina pectoris. | | | | | | 3 Apoplexy. | | | | | |
|------------------------------|----------------|----|---------|--------------------------|------|---------|-----------------------|----|---------|--------------------------|-----|---------|----------------|-----|---------|--------------------------|-------|---------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. |
| | | | | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 4 | 3 | 7 | 1.8 | 3.2 | 2.2 | 18 | 4 | 22 | 8.3 | 4.3 | 7.1 | 177 | 91 | 268 | 81.3 | 97.1 | 86.8 |
| 1906-1910 ¹ | 6 | 7 | 13 | 2.5 | 7.2 | 3.8 | 15 | 4 | 19 | 6.2 | 4.1 | 5.6 | 216 | 111 | 327 | 90.0 | 114.8 | 97.8 |
| 1911-1915 ¹ | 7 | 8 | 15 | 2.7 | 8.0 | 4.2 | 20 | 5 | 25 | 7.8 | 5.1 | 7.1 | 272 | 140 | 415 | 106.9 | 142.2 | 116.7 |
| 1916..... | 4 | 23 | 27 | 1.5 | 23.2 | 7.5 | 22 | 8 | 30 | 8.4 | 8.1 | 8.3 | 304 | 158 | 463 | 116.5 | 160.4 | 128.7 |
| 1917..... | 8 | 12 | 20 | 2.7 | 11.7 | 5.1 | 34 | 1 | 35 | 11.0 | 1.9 | 8.8 | 318 | 172 | 490 | 108.4 | 167.6 | 123.7 |
| 1918..... | 8 | 6 | 14 | 2.0 | 5.7 | 3.4 | 22 | 5 | 27 | 7.0 | 4.8 | 6.5 | 368 | 171 | 539 | 117.6 | 163.5 | 129.1 |
| 1919..... | 11 | 8 | 19 | 3.2 | 7.0 | 4.2 | 34 | 2 | 36 | 10.0 | 1.7 | 7.9 | 341 | 147 | 488 | 160.0 | 128.2 | 107.2 |
| 1920..... | 6 | 13 | 19 | 1.8 | 11.8 | 4.3 | 31 | 2 | 33 | 9.5 | 1.8 | 7.6 | 358 | 118 | 477 | 109.3 | 108.2 | 109.0 |

| Year. | 4 Arteriosclerosis. | | | | | | 5 Bright's disease. | | | | | | 6 Cirrhosis of liver. | | | | | |
|------------------------------|------------------------|----|---------|--------------------------|------|---------|------------------------|-----|---------|--------------------------|-------|---------|--------------------------|----|---------|--------------------------|------|---------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. | W. | C. | To tal. |
| | | | | | | | | | | | | | | | | | | |
| 1901-1905 ¹ | 29 | 6 | 35 | 13.3 | 6.4 | 11.2 | 233 | 127 | 360 | 107.1 | 135.5 | 115.6 | 27 | 7 | 34 | 12.4 | 7.5 | 10.9 |
| 1906-1910 ¹ | 71 | 13 | 84 | 29.5 | 13.4 | 24.9 | 283 | 159 | 442 | 117.8 | 164.5 | 131.2 | 33 | 10 | 43 | 13.7 | 10.3 | 12.8 |
| 1911-1915 ¹ | 98 | 22 | 120 | 38.4 | 22.3 | 33.9 | 347 | 197 | 544 | 135.8 | 200.1 | 153.7 | 34 | 8 | 42 | 13.3 | 8.0 | 11.9 |
| 1916..... | 153 | 26 | 179 | 58.6 | 26.2 | 49.7 | 381 | 207 | 588 | 146.1 | 208.8 | 163.3 | 28 | 6 | 34 | 10.7 | 6.1 | 9.4 |
| 1917..... | 112 | 32 | 144 | 38.2 | 31.2 | 36.4 | 397 | 242 | 639 | 135.3 | 235.8 | 161.4 | 34 | 6 | 40 | 11.6 | 5.8 | 10.1 |
| 1918..... | 170 | 25 | 195 | 54.3 | 23.9 | 46.7 | 378 | 246 | 624 | 120.8 | 235.2 | 149.5 | 23 | 5 | 28 | 7.4 | 4.8 | 6.7 |
| 1919..... | 168 | 19 | 187 | 49.3 | 16.6 | 41.1 | 283 | 179 | 453 | 83.0 | 148.3 | 99.5 | 16 | 8 | 24 | 4.7 | 7.0 | 5.3 |
| 1920..... | 155 | 21 | 176 | 47.3 | 19.1 | 40.3 | 287 | 154 | 441 | 87.6 | 140.1 | 100.8 | 19 | 1 | 20 | 5.8 | 0.9 | 4.6 |

¹ Annual average 5-year period.

TABLE 14.—Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.

| Year. | 7 Diabetes. | | | | | | 8 Diarrhea and enteritis (under 2 years.) | | | | | | 9 Diarrhea and enteritis (2 years and over). | | | | | |
|------------------------------|------------------------------|-----|--------|--------------------------|-------|--------|--|-----|--------|--------------------------|-------|--------|---|----|--------|--------------------------|-------|--------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 27 | 4 | 31 | 12.4 | 4.3 | 9.9 | 123 | 197 | 323 | 57.9 | 210.2 | 103.8 | 56 | 26 | 82 | 25.7 | 27.7 | 26.3 |
| 1906-1910 ¹ | 37 | 4 | 41 | 15.4 | 4.1 | 12.2 | 128 | 177 | 305 | 53.3 | 183.1 | 90.5 | 50 | 22 | 72 | 20.8 | 22.7 | 21.4 |
| 1911-1915 ¹ | 50 | 8 | 58 | 19.5 | 8.0 | 16.3 | 81 | 111 | 192 | 31.7 | 112.7 | 54.2 | 43 | 20 | 63 | 16.8 | 20.3 | 17.8 |
| 1916..... | 56 | 12 | 68 | 21.4 | 12.1 | 18.8 | 74 | 101 | 175 | 28.3 | 101.9 | 48.6 | 37 | 27 | 64 | 14.2 | 27.2 | 17.8 |
| 1917..... | 50 | 15 | 65 | 17.0 | 14.6 | 16.4 | 105 | 122 | 227 | 35.8 | 118.9 | 57.3 | 46 | 22 | 68 | 15.7 | 21.4 | 17.2 |
| 1918..... | 52 | 14 | 66 | 16.6 | 13.4 | 15.8 | 100 | 105 | 205 | 31.9 | 100.4 | 49.1 | 52 | 32 | 84 | 16.6 | 30.6 | 20.1 |
| 1919..... | 52 | 21 | 73 | 15.2 | 18.3 | 16.0 | 99 | 65 | 155 | 26.4 | 56.7 | 34.1 | 35 | 21 | 56 | 10.2 | 18.3 | 12.3 |
| 1920..... | 40 | 17 | 57 | 12.2 | 15.4 | 13.0 | 72 | 64 | 136 | 22.0 | 58.2 | 31.1 | 39 | 27 | 66 | 11.9 | 24.5 | 15.1 |
| Year. | 10 Diseases of the heart. | | | | | | 11 Dysentery. | | | | | | 12 Epilepsy. | | | | | |
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 277 | 216 | 493 | 127.3 | 230.5 | 158.4 | 13 | 10 | 23 | 6.0 | 10.7 | 7.4 | 14 | 10 | 24 | 6.4 | 10.7 | 7.7 |
| 1906-1910 ¹ | 352 | 236 | 588 | 138.3 | 244.1 | 168.6 | 7 | 9 | 16 | 2.9 | 9.3 | 4.7 | 13 | 9 | 22 | 5.4 | 9.3 | 6.5 |
| 1911-1915 ¹ | 461 | 277 | 738 | 189.5 | 281.3 | 208.5 | 4 | 3 | 7 | 1.6 | 3.0 | 2.0 | 10 | 11 | 21 | 3.9 | 11.1 | 5.9 |
| 1916..... | 488 | 228 | 716 | 187.1 | 230.0 | 198.8 | 3 | 3 | 6 | 1.1 | 3.0 | 1.7 | 12 | 6 | 18 | 4.6 | 6.1 | 5.0 |
| 1917..... | 494 | 283 | 777 | 168.4 | 275.8 | 196.2 | 4 | 3 | 7 | 1.4 | 2.9 | 1.8 | 15 | 17 | 32 | 5.1 | 16.5 | 8.1 |
| 1918..... | 533 | 270 | 809 | 170.3 | 264.0 | 193.8 | 2 | 3 | 5 | .6 | 2.8 | 1.2 | 8 | 7 | 15 | 2.6 | 6.7 | 3.6 |
| 1919..... | 444 | 209 | 653 | 130.2 | 182.3 | 143.4 | 3 | 3 | 6 | .9 | 2.6 | 1.3 | 5 | 5 | 10 | 1.5 | 4.3 | 2.2 |
| 1920..... | 498 | 185 | 683 | 152.1 | 168.2 | 156.1 | 1 | 11 | 12 | 0.3 | 10.0 | 2.7 | 5 | 8 | 13 | 1.5 | 7.3 | 3.0 |
| Year. | 13 Gastritis. | | | | | | 14 Grippe. | | | | | | 15 Insanity. | | | | | |
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 44 | 24 | 68 | 20.2 | 25.6 | 21.8 | 51 | 38 | 89 | 23.4 | 40.5 | 28.6 | 27 | 8 | 35 | 12.4 | 8.5 | 11.2 |
| 1906-1910 ¹ | 41 | 32 | 73 | 17.1 | 33.1 | 21.7 | 52 | 44 | 96 | 21.6 | 45.5 | 28.5 | 25 | 11 | 36 | 10.4 | 11.4 | 10.7 |
| 1911-1915 ¹ | 25 | 29 | 54 | 19.8 | 29.5 | 15.3 | 40 | 31 | 71 | 15.7 | 31.5 | 20.1 | 41 | 22 | 63 | 16.1 | 22.3 | 17.8 |
| 1916..... | 14 | 20 | 34 | 5.4 | 20.2 | 9.4 | 71 | 41 | 112 | 27.2 | 41.4 | 31.1 | 52 | 25 | 77 | 19.9 | 25.2 | 22.1 |
| 1917..... | 18 | 13 | 31 | 6.1 | 12.7 | 7.8 | 66 | 40 | 106 | 22.5 | 39.0 | 26.8 | 63 | 24 | 87 | 21.5 | 33.1 | 24.5 |
| 1918..... | 12 | 15 | 27 | 3.8 | 14.3 | 6.5 | 1,577 | 451 | 2,028 | 504.1 | 431.3 | 483.7 | 66 | 25 | 91 | 21.1 | 123.9 | 92.1 |
| 1919..... | 13 | 20 | 33 | 3.8 | 17.4 | 7.2 | 276 | 112 | 388 | 81.0 | 97.7 | 85.2 | 45 | 22 | 67 | 13.2 | 19.2 | 14.7 |
| 1920..... | 13 | 17 | 30 | 4.0 | 15.4 | 6.9 | 197 | 85 | 282 | 60.1 | 77.3 | 64.5 | 31 | 20 | 51 | 9.4 | 18.2 | 11.7 |

¹ Annual average 5-year period.

TABLE 14.—*Number of deaths and relative mortality of certain specified diseases, contagious and otherwise, for the years mentioned below—Continued.*

| Year. | 16 Malaria fevers. | | | | | | 17 Malignant growths. | | | | | | 18 Pneumonia, all forms. | | | | | |
|------------------------------|-----------------------|-------|--------|--------------------------|-------|--------|--------------------------|-----|--------|--------------------------|-------|--------|-----------------------------|-----|--------|--------------------------|-------|--------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 12 | 11 | 23 | 5.5 | 11.7 | 7.4 | 166 | 32 | 218 | 76.3 | 55.5 | 70.0 | 219 | 288 | 507 | 100.6 | 307.3 | 162.9 |
| 1906-1910 ¹ | 5 | 6 | 11 | 2.1 | 6.2 | 3.2 | 212 | 64 | 276 | 88.3 | 66.2 | 81.9 | 246 | 304 | 550 | 102.5 | 314.0 | 163.2 |
| 1911-1915 ¹ | 2 | 1 | 3 | .8 | 1.0 | .8 | 259 | 80 | 339 | 101.4 | 81.2 | 95.8 | 262 | 285 | 547 | 102.6 | 289.5 | 154.6 |
| 1916..... | 2 | 1 | 3 | .7 | 1.0 | .8 | 294 | 93 | 387 | 112.7 | 93.8 | 107.5 | 305 | 299 | 604 | 116.9 | 301.6 | 167.7 |
| 1917..... | 1 | 4 | 5 | .3 | 3.9 | 1.3 | 345 | 75 | 420 | 117.6 | 72.9 | 106.1 | 330 | 306 | 636 | 112.5 | 298.3 | 150.7 |
| 1918..... | ..... | ..... | ..... | ..... | ..... | ..... | 313 | 105 | 418 | 100.0 | 103.8 | 101.4 | 715 | 583 | 1,298 | 228.5 | 557.3 | 311.0 |
| 1919..... | 2 | ..... | 2 | .6 | ..... | .4 | 322 | 95 | 417 | 94.5 | 82.9 | 91.6 | 315 | 320 | 635 | 92.4 | 279.1 | 139.5 |
| 1920..... | 1 | 1 | 2 | .9 | .2 | ..... | 339 | 78 | 417 | 103.7 | 70.9 | 95.3 | 468 | 400 | 868 | 142.8 | 363.8 | 198.4 |

| Year. | 19 Rheumatism, acute and chronic. | | | | | | 20 Rabies. | | | | | | 21 Softening of the brain. | | | | | |
|------------------------------|--------------------------------------|----|--------|--------------------------|------|--------|---------------|-------|--------|--------------------------|-------|--------|-------------------------------|-------|--------|--------------------------|-------|--------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 25 | 10 | 35 | 11.5 | 10.6 | 11.2 | ..... | ..... | ..... | ..... | ..... | ..... | 12 | 6 | 18 | 5.5 | 6.4 | 5.7 |
| 1906-1910 ¹ | 20 | 11 | 31 | 8.3 | 11.4 | 9.2 | ..... | ..... | ..... | ..... | ..... | ..... | 15 | 6 | 21 | 8.7 | 6.2 | 6.2 |
| 1911-1915 ¹ | 15 | 9 | 24 | 5.9 | 9.1 | 6.8 | ..... | ..... | ..... | ..... | ..... | ..... | 6 | 2 | 8 | 2.3 | 2.0 | 2.3 |
| 1916..... | 13 | 5 | 18 | 5.0 | 5.0 | 5.0 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | ..... | 2 | .8 | ..... | .6 |
| 1917..... | 16 | 8 | 24 | 5.5 | 7.8 | 6.1 | ..... | ..... | ..... | ..... | ..... | ..... | 2 | 2 | 4 | .7 | 2.0 | 1.0 |
| 1918..... | 21 | 3 | 24 | 6.7 | 2.8 | 5.7 | ..... | ..... | ..... | ..... | ..... | ..... | 4 | 3 | 7 | 1.3 | 2.9 | 1.7 |
| 1919..... | 9 | 2 | 11 | 2.6 | 1.8 | 2.5 | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 2 | 3 | .3 | 1.7 | .7 |
| 1920..... | 15 | 5 | 20 | 4.9 | 4.5 | 4.6 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 | 1 | ..... | .9 | .2 |

| Year. | 22 Suicides. | | | | | | 23 Steam railroad accidents. | | | | | | 24 Street railroad accidents. | | | | | |
|------------------------------|-----------------|----|--------|--------------------------|------|--------|---------------------------------|-------|--------|--------------------------|-------|--------|----------------------------------|----|--------|--------------------------|-----|--------|
| | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | | Deaths. | | | Death rates per 100,000. | | |
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 46 | 5 | 51 | 21.1 | 5.3 | 16.4 | 18 | 6 | 24 | 8.3 | 6.4 | 7.7 | 6 | 2 | 8 | 2.8 | 2.1 | 2.6 |
| 1906-1910 ¹ | 62 | 9 | 71 | 25.8 | 9.3 | 21.1 | 18 | 7 | 25 | 7.5 | 7.2 | 7.4 | 11 | 4 | 15 | 4.6 | 4.1 | 4.4 |
| 1911-1915 ¹ | 71 | 10 | 81 | 27.8 | 10.2 | 22.9 | 7 | 1 | 8 | 2.7 | 1.0 | 2.3 | 12 | 3 | 15 | 4.7 | 3.0 | 4.2 |
| 1916..... | 77 | 11 | 88 | 29.4 | 11.0 | 24.5 | 5 | 3 | 8 | 1.9 | 3.1 | 2.2 | 6 | 3 | 9 | 2.3 | 3.0 | 2.5 |
| 1917..... | 67 | 9 | 76 | 22.7 | 8.8 | 19.1 | 11 | 2 | 13 | 3.8 | 1.9 | 3.3 | 12 | 8 | 20 | 4.1 | 7.8 | 5.1 |
| 1918..... | 68 | 9 | 77 | 21.6 | 8.6 | 18.5 | 9 | ..... | 9 | 2.9 | ..... | 2.2 | 14 | 6 | 20 | 4.5 | 5.7 | 4.8 |
| 1919..... | 50 | 6 | 56 | 14.6 | 5.2 | 12.3 | 7 | 3 | 10 | 2.1 | 2.6 | 2.2 | 18 | 3 | 21 | 5.3 | 2.6 | 4.6 |
| 1920..... | 37 | 5 | 42 | 11.3 | 4.5 | 9.6 | 6 | 4 | 10 | 1.8 | 3.6 | 2.3 | 9 | 3 | 12 | 2.8 | 2.7 | 2.7 |

¹ Annual average 5-year period.

TABLE 15.—Deaths in the District of Columbia from cancers and other malignant tumors, by race and sex, for the years mentioned below.

| Calendar year. | White. | | Colored. | | Total. | | |
|------------------------------|--------|-----|----------|----|--------|-----|------|
| | M. | F. | M. | F. | M. | F. | All. |
| 1901-1905 ¹ | 61 | 105 | 14 | 39 | 75 | 144 | 219 |
| 1906-1910..... | 88 | 124 | 17 | 47 | 105 | 171 | 276 |
| 1911-1915 ¹ | 104 | 156 | 26 | 53 | 130 | 209 | 339 |
| 1916..... | 122 | 172 | 31 | 62 | 153 | 234 | 387 |
| 1917..... | 143 | 202 | 27 | 48 | 170 | 250 | 420 |
| 1918..... | 119 | 194 | 33 | 72 | 152 | 266 | 418 |
| 1919..... | 129 | 193 | 32 | 63 | 161 | 256 | 417 |
| 1920..... | 126 | 213 | 22 | 56 | 148 | 269 | 417 |

¹ Annual average for 5-year period.

TABLE 16.—Deaths in the District of Columbia from cancers and other malignant growths, arranged with reference to sex, race, marital relation, age, and organs involved, during the calendar year 1920.

| Location. | Total. | White. | | Colored. | | Marital relation. | | | Age. | | | | | | | | | | |
|-------------------------|--------|--------|---------|----------|---------|---------------------|---------|----------|----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------------------|
| | | Male. | Female. | Male. | Female. | Married or widowed. | Single. | Unknown. | Under 5 years. | 5 to 9 years. | 10 to 19 years. | 20 to 29 years. | 30 to 39 years. | 40 to 49 years. | 50 to 59 years. | 60 to 69 years. | 70 to 79 years. | 80 to 89 years. | 90 years and over. |
| | | | | | | | | | | | | | | | | | | | |
| Head, face, neck, etc.: | | | | | | | | | | | | | | | | | | | |
| Check..... | 1 | 1 | | | | 1 | | | | | | | | | 1 | | | | |
| Jaw..... | 4 | 2 | | 1 | 1 | 4 | | | | | | | | | 1 | 1 | 1 | | 1 |
| Lip..... | 3 | | 2 | | 1 | 3 | | | | | | | | | | | 2 | | |
| Tongue..... | 5 | 3 | 1 | 1 | | 5 | | | | | | | 1 | | | 1 | 3 | | 1 |
| Tonsil..... | 1 | 1 | | | | 1 | | | | | | | | | | 1 | | | |
| Pharynx..... | 1 | 1 | | | | 1 | | | | | | | | | | 1 | | | |
| Ear..... | 2 | 1 | 1 | | | 1 | 1 | | 1 | | | | | | | | | 1 | |
| Face..... | 4 | 2 | 1 | 1 | | 3 | 1 | | | | | | | 1 | 2 | 1 | | | |
| Nose..... | 1 | 1 | | | | 1 | | | | | | | | | | | 1 | | |
| Antrum..... | 2 | 1 | 1 | | | 2 | | | | | | | | | | 1 | 1 | | |
| Brain..... | 1 | | 1 | | | 1 | | | | | | 1 | | | | | 1 | | |
| Eye..... | 1 | | 1 | | | 1 | | | | | | | | | | 1 | | | |
| Larynx..... | 2 | 2 | | | | 2 | | | | | | | 1 | | | | | | |
| Neck..... | 3 | 2 | 1 | | | 2 | 1 | | 1 | | | | | | 1 | | | 1 | |
| Parotid..... | 1 | 1 | | | | 1 | | | | | | | | | | | 1 | | |
| Throat..... | 7 | 6 | | 1 | | 5 | 2 | | | | | | | | 3 | 2 | 1 | 1 | |
| Digestive system: | | | | | | | | | | | | | | | | | | | |
| Liver..... | 52 | 17 | 24 | 2 | 9 | 45 | 7 | | | | | | 2 | 8 | 19 | 8 | 11 | 3 | 1 |
| Oesophagus..... | 6 | 5 | 1 | | | 4 | 2 | | | | | | 1 | 1 | 4 | | | | |
| Stomach..... | 88 | 28 | 37 | 9 | 14 | 77 | 11 | | | | | | 4 | 12 | 22 | 26 | 22 | 2 | |
| Intestines..... | 44 | 19 | 20 | 3 | 2 | 39 | 5 | | | | | 2 | 2 | 6 | 11 | 13 | 9 | 1 | |
| Pancreas..... | 7 | 2 | 5 | | | 7 | | | | | | | 1 | | | 4 | 2 | | |
| Female genitals: | | | | | | | | | | | | | | | | | | | |
| Ovary..... | 6 | | 6 | | | 3 | 3 | | | 1 | | | 2 | | 1 | 2 | | | |
| Uterus..... | 67 | | 51 | | 16 | 59 | 8 | | | | 1 | 8 | 19 | 18 | 1 | 13 | 7 | 1 | |
| Vagina..... | 2 | 1 | 2 | | | 1 | 1 | | | | | | | | | | | 1 | |
| Vulva..... | 1 | | 1 | | | 1 | | | | | | | | | | 1 | | | |
| Breast..... | 43 | | 35 | | 8 | 35 | 8 | | | | | | 3 | 10 | 13 | 10 | 3 | 3 | 1 |
| Unclassified: | | | | | | | | | | | | | | | | | | | |
| Abdomen..... | 5 | 2 | 3 | | | 5 | | | | | | | | 1 | 2 | 1 | 1 | | |
| Axilla..... | 2 | 1 | 1 | | | 2 | | | | | | | | | 1 | | | | |
| Bladder..... | 20 | 8 | 8 | 2 | 2 | 18 | 2 | | | | | | | 1 | 5 | 5 | 7 | 2 | |
| Cellular tissue..... | 1 | | | 1 | | 1 | | | | | | | | | | 1 | | | |
| Disseminated..... | 2 | 2 | | | | 2 | | | | | | | | | | | 2 | | |
| Femur..... | 1 | | 1 | | | 1 | | | | | | | | | | | 1 | | |
| Hand..... | 1 | | 1 | | | 1 | | | | | | | | | | | | | 1 |
| Kidney..... | 2 | 2 | | | | 2 | | | | | | | | | | 1 | 1 | | |
| Leg..... | 1 | | 1 | | | 1 | | | | | | | | | | 1 | | | |
| Lung..... | 2 | 1 | 1 | | | 2 | | | | | | | | | | 1 | 1 | | |
| Mediastinum..... | 2 | 1 | | | 1 | 2 | | | | | | | | | | 1 | 1 | | |
| Pelvis..... | 3 | | 3 | | | 3 | | | | | | | | 1 | 2 | | | | |
| Peritoneum..... | 2 | 1 | 1 | | | 2 | | | | | | | 1 | 1 | | | | | |
| Prostate..... | 14 | 12 | | 2 | | 12 | 1 | 1 | | | 1 | | | | | 2 | 6 | 3 | 2 |
| Shoulder..... | 1 | | | | 1 | 1 | | | | | | | | | | | 1 | | |
| Testicle..... | 1 | 1 | | | | 1 | | | | | | | 1 | | | | | | |
| Thigh..... | 1 | | 1 | | | 1 | | | | | | 1 | | | | | | | |
| Visceral..... | 1 | | 1 | | | 1 | | | | | | | | | 1 | | | | |
| Total..... | 417 | 126 | 213 | 22 | 56 | 358 | 58 | 1 | 2 | 1 | 1 | 5 | 27 | 63 | 115 | 107 | 73 | 19 | 4 |

TABLE 17.—*Anterior poliomyelitis, acute: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1912 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|-----|--------|--------|----|--------|------------------------|-----|--------|--------------------------------|------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1912-1915 ¹ | | 2 | 2 | | 2.0 | 0.6 | 5 | 2 | 7 | 2.0 | 2.0 | 2.0 | 100.0 | | 28.6 |
| 1916..... | 5 | 1 | 6 | 1.9 | 1.0 | 1.6 | 32 | 7 | 39 | 12.3 | 7.1 | 10.8 | 15.6 | 14.3 | 15.4 |
| 1917..... | 2 | | 2 | .7 | | .5 | 4 | 2 | 6 | 1.4 | 1.9 | 1.5 | 50.0 | | 33.3 |
| 1918..... | | | | | | | 1 | 1 | 2 | .3 | .9 | .5 | | | |
| 1919..... | | | | | | | 9 | 2 | 11 | 2.6 | 1.7 | 2.4 | | | |
| 1920..... | 2 | | 2 | .6 | | .5 | 3 | 1 | 4 | | | | | | |

¹ Annual average for 5-year period.TABLE 17a.—*Anterior poliomyelitis, acute: Reported cases and deaths, by race and months, during calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | | | | | | |
| February..... | | | | | | |
| March..... | | | | | | |
| April..... | | | | | | |
| May..... | | | | | | |
| June..... | | | | | | |
| July..... | | | | | | |
| August..... | | | | | | |
| September..... | 2 | 1 | | | 2 | 1 |
| October..... | 1 | 1 | | | 1 | 1 |
| November..... | | | | | | |
| December..... | | | | | | |
| Total..... | 3 | 2 | | | | 2 |

TABLE 17b.—*Anterior poliomyelitis, acute: Cases and deaths, with percentage to cases at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | | | | | | | | | |
| 1 to 4 years..... | | | | 1 | | | 1 | | |
| 5 to 9 years..... | | | | | | | | | |
| 10 to 19 years..... | | | | | | | | | |
| 20 to 29 years..... | 2 | 2 | 100.0 | | | | 2 | 2 | 100.0 |
| 30 to 39 years..... | 1 | | | | | | 1 | | |
| 40 to 49 years..... | | | | | | | | | |
| 50 to 59 years..... | | | | | | | | | |
| 60 to 69 years..... | | | | | | | | | |
| 70 years and over..... | | | | | | | | | |
| Total..... | 3 | 2 | 66.6 | 1 | | | 4 | 2 | 50.0 |

TABLE 18.—*Chicken pox: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1907 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|-------|--------|--------------------------|-------|--------|--------|-----|--------|------------------------|-------|--------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1907-1910..... | 0.25 | ..... | 0.25 | ..... | ..... | ..... | 478 | 103 | 581 | 196.8 | 103.3 | 171.0 | 0.05 | ..... | 0.4 |
| 1911-1915 ¹ | | | | | | | 726 | 174 | 900 | 284.5 | 177.0 | 254.6 | ..... | ..... | ..... |
| 1916..... | | | | | | | 918 | 221 | 1,139 | 351.9 | 222.9 | 316.4 | ..... | ..... | ..... |
| 1917..... | | | | | | | 1,070 | 180 | 1,250 | 364.7 | 175.4 | 315.7 | ..... | ..... | ..... |
| 1918..... | | | | | | | 650 | 78 | 728 | 207.8 | 74.5 | 174.4 | ..... | ..... | ..... |
| 1919..... | | | | | | | 980 | 243 | 1,223 | 287.6 | 211.9 | 268.5 | ..... | ..... | ..... |
| 1920..... | | | | | | | 1,096 | 152 | 1,248 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.TABLE 18a.—*Chicken pox: Reported cases and deaths, by race and months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 183 | ..... | 29 | ..... | 212 | ..... |
| February..... | 108 | ..... | 22 | ..... | 130 | ..... |
| March..... | 138 | ..... | 13 | ..... | 151 | ..... |
| April..... | 108 | ..... | 36 | ..... | 144 | ..... |
| May..... | 115 | ..... | 30 | ..... | 145 | ..... |
| June..... | 120 | ..... | 12 | ..... | 132 | ..... |
| July..... | 34 | ..... | 5 | ..... | 39 | ..... |
| August..... | 8 | ..... | ..... | ..... | 8 | ..... |
| September..... | 6 | ..... | ..... | ..... | 6 | ..... |
| October..... | 13 | ..... | ..... | ..... | 13 | ..... |
| November..... | 97 | ..... | 1 | ..... | 98 | ..... |
| December..... | 166 | ..... | 4 | ..... | 170 | ..... |
| Total..... | 1,096 | ..... | 152 | ..... | 1,248 | ..... |

TABLE 18b.—*Chicken pox: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 47 | ..... | ..... | 11 | ..... | ..... | 58 | ..... | ..... |
| 1 to 4 years..... | 239 | ..... | ..... | 37 | ..... | ..... | 276 | ..... | ..... |
| 5 to 9 years..... | 615 | ..... | ..... | 67 | ..... | ..... | 682 | ..... | ..... |
| 10 to 19 years..... | 139 | ..... | ..... | 24 | ..... | ..... | 163 | ..... | ..... |
| 20 to 29 years..... | 40 | ..... | ..... | 9 | ..... | ..... | 49 | ..... | ..... |
| 30 to 39 years..... | 15 | ..... | ..... | 2 | ..... | ..... | 17 | ..... | ..... |
| 40 to 49 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| 50 to 59 years..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 60 to 69 years..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 70 years and over..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 1,096 | ..... | ..... | 152 | ..... | ..... | 1,248 | ..... | ..... |

TABLE 13.—*Diphtheria: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1896 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|------|--------|--------|-----|--------|------------------------|-------|--------|--------------------------------|------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 37 | 17 | 54 | 17.0 | 18.0 | 17.0 | | | | | | | | | |
| 1905-1910 ¹ | 24 | 8 | 32 | 10.0 | 8.0 | 10.0 | 391 | 61 | 452 | 166.2 | 61.2 | 133.5 | 6.1 | 13.1 | 7.1 |
| 1911-1915 ¹ | 20 | 4 | 24 | 7.8 | 4.1 | 6.8 | 402 | 105 | 507 | 157.5 | 106.8 | 140.6 | 4.8 | 3.8 | 4.7 |
| 1916..... | 26 | 7 | 33 | 9.9 | 7.1 | 9.2 | 484 | 163 | 647 | 185.5 | 164.4 | 179.7 | 5.4 | 4.3 | 5.1 |
| 1917..... | 28 | 9 | 37 | 9.5 | 8.8 | 9.4 | 942 | 188 | 1,130 | 321.1 | 183.2 | 285.4 | 3.0 | 4.8 | 3.3 |
| 1918..... | 37 | 2 | 39 | 11.8 | 1.9 | 9.3 | 445 | 72 | 517 | 142.3 | 68.8 | 123.9 | 8.3 | 2.8 | 7.5 |
| 1919..... | 90 | 29 | 119 | 26.4 | 25.3 | 26.1 | 1,014 | 125 | 1,169 | 306.3 | 109.0 | 236.7 | 8.6 | 23.2 | 10.2 |
| 1920..... | 49 | 15 | 64 | 15.6 | 13.6 | 14.6 | 641 | 76 | 717 | | | | | | |

¹ Annual average for 5-year period.TABLE 19a.—*Diphtheria: Reported cases and deaths, by race and months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 95 | 6 | 11 | 7 | 106 | 13 |
| February..... | 50 | 4 | 11 | | 61 | 4 |
| March..... | 41 | 2 | 7 | 2 | 48 | 4 |
| April..... | 45 | 3 | 6 | 1 | 51 | 4 |
| May..... | 35 | 5 | 5 | 1 | 40 | 6 |
| June..... | 31 | 2 | 3 | 1 | 34 | 3 |
| July..... | 17 | | 1 | | 18 | |
| August..... | 31 | 1 | 4 | | 35 | 1 |
| September..... | 27 | 2 | 8 | 2 | 35 | 4 |
| October..... | 72 | 5 | 2 | | 74 | 5 |
| November..... | 105 | 6 | 14 | | 119 | 6 |
| December..... | 92 | 13 | 4 | 1 | 96 | 14 |
| Total..... | 641 | 49 | 76 | 15 | 717 | 64 |

TABLE 19b.—*Diphtheria: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 16 | 3 | 18.7 | 7 | 1 | 14.2 | 23 | 4 | 17.4 |
| 1 to 4 years..... | 131 | 22 | 16.8 | 13 | 3 | 23.1 | 144 | 25 | 17.3 |
| 5 to 9 years..... | 252 | 18 | 7.1 | 19 | 6 | 31.6 | 271 | 24 | 8.8 |
| 10 to 19 years..... | 141 | 5 | 3.5 | 26 | 3 | 11.5 | 167 | 8 | 4.8 |
| 20 to 29 years..... | 59 | 1 | 1.7 | 6 | | | 65 | 1 | 1.5 |
| 30 to 39 years..... | 32 | | | 3 | 2 | 66.6 | 35 | 2 | 5.7 |
| 40 to 49 years..... | 7 | | | 1 | | | 8 | | |
| 50 to 59 years..... | 3 | | | 1 | | | 4 | | |
| 60 to 69 years..... | | | | | | | | | |
| 70 years and over..... | | | | | | | | | |
| Total..... | 641 | 49 | 7.6 | 76 | 15 | 19.7 | 717 | 64 | 8.9 |

TABLE 20.—*Measles: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|-------|--------|--------------------------|-------|--------|--------|-------|--------|------------------------|-------|---------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 10 | 5 | 15 | 5.0 | 5.0 | 5.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1903-1910 ¹ | 10 | 5 | 15 | 4.0 | 5.0 | 4.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1911-1915 ¹ | 8 | 3 | 11 | 3.1 | 3.1 | 3.1 | 2,188 | 549 | 2,737 | 837.5 | 538.6 | 774.4 | 0.4 | 0.5 | 0.4 |
| 1915..... | 4 | 2 | 6 | 1.5 | 2.0 | 1.7 | 2,376 | 296 | 2,672 | 910.9 | 238.3 | 733.9 | .2 | .8 | .2 |
| 1917..... | 12 | 2 | 14 | 4.1 | 2.0 | 3.5 | 3,129 | 678 | 3,807 | 1,035.7 | 960.7 | 1,061.5 | .4 | .3 | .4 |
| 1918..... | 41 | 7 | 48 | 13.1 | 6.7 | 11.5 | 6,304 | 695 | 6,999 | 2,015.3 | 661.5 | 1,676.7 | .6 | 1.0 | .7 |
| 1919..... | 1 | 0 | 1 | .3 | .0 | .2 | 169 | 18 | 187 | 49.6 | 15.7 | 41.1 | .6 | ..... | .5 |
| 1920..... | 2 | ..... | 2 | .6 | ..... | .5 | 454 | 127 | 581 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.TABLE 20a.—*Measles: Reported cases and deaths, by race and months, during calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 42 | ..... | 1 | ..... | 43 | ..... |
| February..... | 62 | ..... | 6 | ..... | 68 | ..... |
| March..... | 67 | ..... | 2 | ..... | 69 | ..... |
| April..... | 69 | 1 | 9 | ..... | 78 | 1 |
| May..... | 66 | 1 | 16 | ..... | 82 | 1 |
| June..... | 35 | ..... | 36 | ..... | 71 | ..... |
| July..... | 16 | ..... | 34 | ..... | 50 | ..... |
| August..... | 7 | ..... | 14 | ..... | 21 | ..... |
| September..... | 8 | ..... | ..... | ..... | 8 | ..... |
| October..... | 11 | ..... | 1 | ..... | 12 | ..... |
| November..... | 44 | ..... | 1 | ..... | 45 | ..... |
| December..... | 27 | ..... | 7 | ..... | 34 | ..... |
| Total..... | 454 | 2 | 127 | ..... | 581 | 2 |

TABLE 20b.—*Measles: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 21 | 1 | 4.7 | 3 | ..... | ..... | 24 | 1 | 4.1 |
| 1 to 4 years..... | 155 | 1 | .6 | 36 | ..... | ..... | 191 | 1 | .5 |
| 5 to 9 years..... | 170 | ..... | ..... | 59 | ..... | ..... | 229 | ..... | ..... |
| 10 to 19 years..... | 70 | ..... | ..... | 18 | ..... | ..... | 88 | ..... | ..... |
| 20 to 29 years..... | 28 | ..... | ..... | 9 | ..... | ..... | 37 | ..... | ..... |
| 30 to 39 years..... | 5 | ..... | ..... | 2 | ..... | ..... | 7 | ..... | ..... |
| 40 to 49 years..... | 3 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| 50 to 59 years..... | 2 | ..... | ..... | ..... | ..... | ..... | 2 | ..... | ..... |
| 60 to 69 years..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 70 years and over..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 454 | 2 | .4 | 127 | ..... | ..... | 581 | 2 | .3 |

TABLE 21.—*Meningitis, epidemic cerebrospinal: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|-----|--------|--------|----|--------|------------------------|------|--------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 6 | 4 | 10 | 2.8 | 4.3 | 3.2 | — | — | — | — | — | — | — | — | — |
| 1906-1910 ¹ | 9 | 7 | 16 | 3.7 | 7.2 | 4.7 | — | — | — | — | — | — | — | — | — |
| 1911-1915 ¹ | 3 | 1 | 4 | 1.2 | 1.0 | 1.1 | 4 | 2 | 6 | 1.6 | 2.0 | 1.7 | 75.0 | 50.0 | 66.6 |
| 1916..... | 2 | 2 | 4 | .8 | 2.0 | 1.1 | 4 | 2 | 6 | 1.5 | 2.0 | 1.7 | 50.0 | 100.0 | 66.6 |
| 1917..... | 10 | 7 | 17 | 3.4 | 6.8 | 4.3 | 20 | 13 | 33 | 6.5 | 13.6 | 8.3 | 50.0 | 53.8 | 51.5 |
| 1918..... | 20 | 8 | 28 | 6.4 | 7.2 | 6.7 | 92 | 26 | 118 | 29.4 | 24.8 | 28.2 | 21.7 | 3.1 | 23.7 |
| 1919..... | 6 | 2 | 8 | 1.8 | 1.8 | 1.8 | 11 | 2 | 13 | 3.2 | 1.7 | 2.8 | 54.5 | 100.0 | 61.5 |
| 1920..... | 3 | — | 3 | .9 | — | .7 | 5 | 1 | 6 | — | — | — | — | — | — |

¹ Annual average for 5-year period.TABLE 21a.—*Meningitis, epidemic cerebrospinal: Reported cases and deaths, by race and by months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | — | — | — | — | — | — |
| February..... | 2 | 1 | 1 | — | 3 | 1 |
| March..... | — | — | — | — | — | — |
| April..... | — | — | — | — | — | — |
| May..... | 1 | 1 | — | — | 1 | 1 |
| June..... | — | — | — | — | — | — |
| July..... | — | — | — | — | — | — |
| August..... | — | — | — | — | — | — |
| September..... | 1 | — | — | — | 1 | — |
| October..... | — | — | — | — | — | — |
| November..... | 1 | 1 | — | — | 1 | 1 |
| December..... | — | — | — | — | — | — |
| Total..... | 5 | 3 | 1 | 0 | 6 | 3 |

TABLE 21b.—*Meningitis, epidemic cerebrospinal: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | — | — | — | — | — | — | — | — | — |
| 1 to 4 years..... | 2 | 1 | 50.0 | — | — | — | 2 | 1 | 50.0 |
| 5 to 9 years..... | 1 | — | — | — | — | — | 1 | — | — |
| 10 to 19 years..... | — | — | — | — | — | — | — | — | — |
| 20 to 29 years..... | 1 | 1 | 100.0 | 1 | — | — | 2 | 1 | 50.0 |
| 30 to 39 years..... | — | — | — | — | — | — | — | — | — |
| 40 to 49 years..... | 1 | 1 | 100.0 | — | — | — | 1 | 1 | 100.0 |
| 50 to 59 years..... | — | — | — | — | — | — | — | — | — |
| 60 to 69 years..... | — | — | — | — | — | — | — | — | — |
| 70 years and over..... | — | — | — | — | — | — | — | — | — |
| Total..... | 5 | 3 | 60.0 | 1 | 0 | — | 6 | 3 | 50.0 |

TABLE 22.—*Pellagra: Deaths and death rates, cases and case rates, per 100,000 population and percentage of deaths to cases, according to race, from 1913 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|-----|--------|--------|----|--------|------------------------|------|--------|--------------------------------|------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1913-1915 ¹ | 2 | 9 | 11 | 0.8 | 9.2 | 3.1 | 4 | 12 | 16 | 1.6 | 12.2 | 4.5 | 50.0 | 75.0 | 68.8 |
| 1916..... | 8 | 1 | 9 | 3.1 | 1.0 | 2.5 | 11 | 5 | 16 | 4.2 | 5.0 | 4.4 | 72.8 | 20.0 | 56.3 |
| 1917..... | 5 | 9 | 14 | 1.7 | 8.7 | 3.5 | 9 | 10 | 19 | 3.1 | 9.7 | 4.8 | 55.5 | 90.0 | 73.7 |
| 1918..... | 5 | 4 | 9 | 1.6 | 3.8 | 2.1 | 9 | 5 | 14 | 2.9 | 4.8 | 3.4 | 55.6 | 80.0 | 64.3 |
| 1919..... | 4 | 6 | 10 | 1.2 | 5.2 | 2.2 | 5 | 7 | 12 | 1.2 | 5.2 | 2.2 | 80.0 | 85.7 | 83.3 |
| 1920..... | 2 | 3 | 5 | .6 | 2.7 | 1.1 | 2 | 3 | 5 | | | | | | |

¹ Annual average for 5-year period.TABLE 22a.—*Pellagra: Reported cases and deaths, by race and by months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | | | 1 | 1 | 1 | 1 |
| February..... | | | | | | |
| March..... | | | | | | |
| April..... | 1 | 1 | | | 1 | 1 |
| May..... | | | 1 | 1 | 1 | 1 |
| June..... | | | | | | |
| July..... | | | | | | |
| August..... | | | 1 | 1 | 1 | 1 |
| September..... | | | | | | |
| October..... | | | | | | |
| November..... | 1 | 1 | | | 1 | 1 |
| December..... | | | | | | |
| Total..... | 2 | 2 | 3 | 3 | 5 | 5 |

TABLE 22b.—*Pellagra: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | | | | | | | | | |
| 1 to 4 years..... | | | | | | | | | |
| 5 to 9 years..... | | | | | | | | | |
| 10 to 19 years..... | | | | | | | | | |
| 20 to 29 years..... | 1 | 1 | 100.0 | 1 | 1 | 100.0 | 2 | 2 | 100.0 |
| 30 to 39 years..... | | | | 1 | 1 | 100.0 | 1 | 1 | 100.0 |
| 40 to 49 years..... | | | | 1 | 1 | 100.0 | 1 | 1 | 100.0 |
| 50 to 59 years..... | 1 | 1 | 100.0 | | | | 1 | 1 | 100.0 |
| 60 to 69 years..... | | | | | | | | | |
| 70 years and over..... | | | | | | | | | |
| Total..... | 2 | 2 | 100.0 | 3 | 3 | 100.0 | 5 | 5 | 100.0 |

TABLE 23.—Scarlet fever: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|-------|--------|--------------------------|-------|--------|--------|-----|--------|------------------------|-------|--------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 7 | 1.0 | 8 | 3.0 | 1.0 | 3.0 | 480 | 46 | 526 | 199.5 | 48.0 | 154.9 | 1.9 | 4.3 | 2.1 |
| 1906-1910 ¹ | 9 | 2.0 | 11 | 4.0 | 2.0 | 3.0 | 480 | 46 | 526 | 199.5 | 48.0 | 154.9 | 1.9 | 4.3 | 2.1 |
| 1911-1915 ¹ | 6 | .4 | 6 | 2.3 | .4 | 1.7 | 402 | 36 | 438 | 157.5 | 36.6 | 123.9 | 1.5 | 1.1 | 1.4 |
| 1916..... | 5 | 1.0 | 6 | 1.9 | 1.0 | 1.6 | 474 | 56 | 530 | 181.7 | 56.5 | 147.2 | 1.1 | 1.8 | 1.1 |
| 1917..... | 8 | ..... | 8 | 2.7 | ..... | 2.0 | 540 | 44 | 584 | 184.1 | 42.8 | 147.5 | 1.5 | ..... | 1.4 |
| 1918..... | 16 | ..... | 16 | 5.1 | ..... | 3.8 | 769 | 114 | 883 | 245.8 | 109.0 | 211.5 | 2.1 | ..... | 1.8 |
| 1919..... | 3 | ..... | 3 | .9 | ..... | .7 | 598 | 67 | 665 | 175.5 | 58.4 | 146.0 | .5 | ..... | .4 |
| 1920..... | 7 | 1 | 8 | 2.1 | .9 | 1.8 | 724 | 50 | 774 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.

TABLE 23a.—Scarlet fever: Reported cases and deaths, by race and months, during the calendar year 1920.

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 75 | 4 | 6 | ..... | 81 | 4 |
| February..... | 73 | ..... | 3 | ..... | 76 | ..... |
| March..... | 75 | ..... | 6 | ..... | 81 | ..... |
| April..... | 77 | 1 | 2 | ..... | 79 | 1 |
| May..... | 92 | 1 | 4 | ..... | 96 | 1 |
| June..... | 49 | ..... | 1 | ..... | 50 | ..... |
| July..... | 20 | ..... | 3 | ..... | 23 | ..... |
| August..... | 16 | ..... | 3 | ..... | 19 | ..... |
| September..... | 17 | ..... | 5 | 1 | 22 | 1 |
| October..... | 64 | ..... | 4 | ..... | 68 | ..... |
| November..... | 76 | ..... | 1 | ..... | 77 | ..... |
| December..... | 90 | 1 | 12 | ..... | 102 | 1 |
| Total..... | 724 | 7 | 50 | 1 | 774 | 8 |

TABLE 23b.—Scarlet fever: Cases and deaths, with percentages of deaths to cases, at certain age periods, during the calendar year 1920.

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 3 | ..... | ..... | 12 | ..... | ..... | 15 | ..... | ..... |
| 1 to 4 years..... | 133 | 1 | 0.8 | 8 | ..... | ..... | 141 | 1 | 0.7 |
| 5 to 9 years..... | 282 | 2 | .7 | 16 | ..... | ..... | 298 | 2 | .7 |
| 10 to 19 years..... | 226 | 2 | .9 | 5 | ..... | ..... | 231 | 2 | .8 |
| 20 to 29 years..... | 65 | 1 | 1.5 | 7 | ..... | ..... | 72 | 1 | 1.4 |
| 30 to 39 years..... | 12 | 1 | 8.3 | 2 | 1 | 50.0 | 14 | 2 | 14.3 |
| 40 to 49 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| 50 to 59 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| 60 to 69 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| 70 years and over..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 724 | 7 | .9 | 50 | 1 | 2.0 | 774 | 8 | 1.3 |

TABLE 24.—*Smallpox: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|-----|--------|--------------------------|-----|--------|--------|-----|--------|------------------------|-------|--------|--------------------------------|----|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 1.0 | 2.0 | 3.0 | 0.5 | 2.1 | 1.0 | | | | | | | | | |
| 1906-1910 ¹ | .4 | .4 | .8 | .2 | .4 | .2 | 28 | 53 | 81 | 11.1 | 54.6 | 24.1 | | | |
| 1911-1915 ¹ | | | | | | | 19 | 51 | 70 | 7.4 | 51.9 | 19.8 | | | |
| 1916..... | | | | | | | 3 | 1 | 4 | 1.2 | 1.0 | 1.1 | | | |
| 1917..... | | | | | | | 7 | 4 | 11 | 2.3 | 3.9 | 2.8 | | | |
| 1918..... | | | | | | | 37 | 11 | 48 | 11.8 | 10.5 | 11.5 | | | |
| 1919..... | 1 | | 1 | .3 | | .2 | 25 | 149 | 174 | 7.3 | 130.0 | 38.2 | 4.0 | | 0.6 |
| 1920..... | | | | | | | 33 | 56 | 89 | 10.0 | 50.9 | 20.3 | | | |

¹ Annual average for 5-year period.TABLE 24a.—*Smallpox: Reported cases and deaths, by race and by months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 1 | | 1 | | 2 | |
| February..... | 6 | | 3 | | 9 | |
| March..... | 7 | | 11 | | 18 | |
| April..... | 5 | | 17 | | 22 | |
| May..... | 2 | | 10 | | 12 | |
| June..... | | | 13 | | 13 | |
| July..... | 10 | | | | 10 | |
| August..... | | | | | | |
| September..... | | | | | | |
| October..... | 1 | | 1 | | 2 | |
| November..... | 1 | | | | 1 | |
| December..... | | | | | | |
| Total..... | 33 | | 56 | | 89 | |

TABLE 24b.—*Smallpox: Cases and deaths, with percentages of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 1 | | | 2 | | | 3 | | |
| 1 to 4 years..... | | | | 3 | | | 7 | | |
| 5 to 9 years..... | 4 | | | 5 | | | 9 | | |
| 10 to 19 years..... | 5 | | | | | | 14 | | |
| 20 to 29 years..... | 13 | | | 15 | | | 28 | | |
| 30 to 39 years..... | 8 | | | 12 | | | 20 | | |
| 40 to 49 years..... | 2 | | | 3 | | | 5 | | |
| 50 to 59 years..... | | | | 1 | | | 1 | | |
| 60 to 69 years..... | 1 | | | 1 | | | 2 | | |
| 70 years and over..... | | | | | | | | | |
| Total..... | 38 | | | 51 | | | 89 | | |

TABLE 25.—*Tuberculosis, reportable forms: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1908 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases reported. | | | Case rate per 100,000. | | | Percentage of fatal cases. | | |
|------------------------------|---------|-----|--------|--------------------------|-------|--------|-----------------|-----|--------|------------------------|-------|--------|----------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1908-1910..... | 277 | 392 | 669 | 112.8 | 402.4 | 195.1 | 570 | 637 | 1,207 | 231.7 | 654.1 | 351.5 | 48.6 | 61.6 | 55.5 |
| 1911-1915 ¹ | 318 | 429 | 747 | 124.6 | 436.5 | 211.3 | 567 | 587 | 1,154 | 222.2 | 597.3 | 326.5 | 56.1 | 73.1 | 64.7 |
| 1916..... | 297 | 397 | 694 | 113.9 | 400.4 | 192.8 | 527 | 534 | 1,061 | 202.0 | 538.6 | 294.7 | 56.4 | 74.3 | 65.4 |
| 1917..... | 291 | 342 | 633 | 99.2 | 333.2 | 159.9 | 549 | 437 | 1,006 | 187.2 | 445.3 | 254.1 | 53.0 | 74.8 | 62.9 |
| 1918..... | 314 | 376 | 690 | 216.7 | 359.5 | 165.3 | 678 | 462 | 1,140 | 216.7 | 441.7 | 273.1 | 43.3 | 81.4 | 60.5 |
| 1919..... | 305 | 295 | 600 | 89.8 | 257.3 | 131.7 | 734 | 473 | 1,209 | 215.4 | 414.4 | 265.5 | 41.6 | 62.1 | 49.6 |
| 1920..... | 271 | 299 | 573 | 83.6 | 271.8 | 131.0 | 691 | 498 | 1,189 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.TABLE 25a.—*Tuberculosis, reportable forms: Reported cases and deaths, by race and months, during calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 57 | 30 | 34 | 26 | 91 | 56 |
| February..... | 47 | 23 | 30 | 26 | 77 | 49 |
| March..... | 61 | 26 | 57 | 21 | 118 | 47 |
| April..... | 78 | 28 | 42 | 33 | 120 | 61 |
| May..... | 74 | 34 | 38 | 29 | 112 | 63 |
| June..... | 56 | 27 | 46 | 20 | 97 | 47 |
| July..... | 77 | 15 | 56 | 18 | 133 | 33 |
| August..... | 48 | 18 | 37 | 20 | 85 | 38 |
| September..... | 48 | 18 | 34 | 31 | 82 | 49 |
| October..... | 50 | 15 | 46 | 22 | 96 | 37 |
| November..... | 46 | 20 | 36 | 28 | 82 | 48 |
| December..... | 49 | 20 | 42 | 25 | 91 | 45 |
| Total..... | 691 | 274 | 498 | 299 | 1,189 | 573 |

TABLE 25b.—*Tuberculosis, reportable forms: Cases and deaths, with percentage of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 3 | 2 | 66.6 | 4 | 1 | 25.0 | 7 | 3 | 42.8 |
| 1 to 4 years..... | 13 | 9 | 69.2 | 19 | 10 | 52.6 | 32 | 19 | 59.4 |
| 5 to 9 years..... | 27 | 8 | 29.6 | 23 | 5 | 21.7 | 50 | 13 | 26.0 |
| 10 to 19 years..... | 93 | 12 | 12.9 | 93 | 47 | 50.5 | 186 | 59 | 31.7 |
| 20 to 29 years..... | 230 | 62 | 26.9 | 133 | 91 | 68.4 | 363 | 153 | 41.3 |
| 30 to 39 years..... | 144 | 73 | 50.7 | 106 | 70 | 66.0 | 250 | 143 | 57.2 |
| 40 to 49 years..... | 90 | 58 | 64.4 | 76 | 38 | 50.0 | 166 | 96 | 57.8 |
| 50 to 59 years..... | 50 | 30 | 60.0 | 27 | 22 | 81.5 | 77 | 52 | 67.5 |
| 60 to 69 years..... | 28 | 15 | 53.6 | 13 | 11 | 84.6 | 41 | 26 | 63.4 |
| 70 years and over..... | 13 | 5 | 38.5 | 4 | 4 | 100.0 | 17 | 9 | 52.9 |
| Total..... | 691 | 274 | 39.6 | 498 | 299 | 60.0 | 1,189 | 573 | 48.2 |

TABLE 26.—*Tuberculosis, pulmonary: Reported cases and deaths occurring in the District of Columbia from 1901 to 1920, inclusive, arranged by race and by months and years.*

| Year. | January. | | | | February. | | | | March. | | | | April. | | | |
|------------------------------|----------|-------|---------|----|-----------|-------|---------|----|--------|-------|---------|----|--------|-------|---------|----|
| | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | |
| | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. |
| 1901-1905 ¹..... | ..... | ..... | 33 | 43 | ..... | ..... | 31 | 41 | ..... | ..... | 35 | 38 | ..... | ..... | 36 | 42 |
| 1906-1910 ¹..... | ..... | ..... | 28 | 40 | ..... | ..... | 32 | 35 | ..... | ..... | 32 | 45 | ..... | ..... | 39 | 44 |
| 1911-1915 ¹ | 47 | 50 | 25 | 33 | 45 | 42 | 24 | 33 | 50 | 58 | 28 | 40 | 55 | 50 | 29 | 33 |
| 1916..... | 33 | 43 | 17 | 20 | 37 | 46 | 31 | 39 | 50 | 40 | 28 | 30 | 53 | 42 | 28 | 37 |
| 1917..... | 54 | 34 | 17 | 31 | 41 | 31 | 25 | 29 | 38 | 45 | 31 | 35 | 42 | 44 | 29 | 34 |
| 1918..... | 60 | 47 | 30 | 29 | 54 | 35 | 18 | 27 | 50 | 32 | 41 | 36 | 71 | 41 | 24 | 32 |
| 1919..... | 49 | 34 | 35 | 21 | 89 | 38 | 28 | 27 | 78 | 35 | 33 | 21 | 98 | 39 | 28 | 20 |
| 1920..... | 56 | 34 | 27 | 24 | 37 | 30 | 22 | 23 | 58 | 57 | 21 | 19 | 79 | 41 | 26 | 22 |

| Year. | May. | | | | June. | | | | July. | | | | August. | | | |
|------------------------------|--------|-------|---------|----|--------|-------|---------|----|--------|-------|---------|----|---------|-------|---------|----|
| | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | |
| | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. |
| 1901-1905 ¹..... | ..... | ..... | 29 | 37 | ..... | ..... | 31 | 36 | ..... | ..... | 23 | 35 | ..... | ..... | 27 | 37 |
| 1906-1910 ¹..... | ..... | ..... | 25 | 36 | ..... | ..... | 24 | 29 | ..... | ..... | 21 | 34 | ..... | ..... | 25 | 28 |
| 1911-1915 ¹ | 48 | 53 | 27 | 36 | 43 | 48 | 25 | 32 | 52 | 51 | 27 | 36 | 37 | 39 | 22 | 29 |
| 1916..... | 50 | 56 | 27 | 38 | 49 | 37 | 22 | 26 | 40 | 53 | 21 | 32 | 44 | 47 | 14 | 38 |
| 1917..... | 37 | 36 | 24 | 18 | 43 | 42 | 15 | 19 | 52 | 42 | 17 | 35 | 55 | 39 | 26 | 20 |
| 1918..... | 69 | 53 | 26 | 37 | 57 | 34 | 20 | 31 | 72 | 37 | 19 | 31 | 50 | 38 | 29 | 21 |
| 1919..... | 59 | 26 | 32 | 25 | 62 | 45 | 23 | 17 | 49 | 39 | 24 | 27 | 66 | 41 | 17 | 33 |
| 1920..... | 73 | 37 | 28 | 27 | 56 | 45 | 21 | 14 | 66 | 56 | 13 | 17 | 44 | 35 | 17 | 17 |

| Year. | September. | | | | October. | | | | November. | | | | December. | | | |
|------------------------------|------------|-------|---------|----|----------|-------|---------|----|-----------|-------|---------|----|-----------|-------|---------|----|
| | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | | Cases. | | Deaths. | |
| | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. | W. | C. |
| 1901-1905 ¹..... | ..... | ..... | 25 | 29 | ..... | ..... | 27 | 32 | ..... | ..... | 39 | 32 | ..... | ..... | 27 | 36 |
| 1906-1910 ¹..... | ..... | ..... | 24 | 35 | ..... | ..... | 25 | 35 | ..... | ..... | 19 | 35 | ..... | ..... | 29 | 38 |
| 1911-1915 ¹ | 40 | 44 | 20 | 25 | 40 | 38 | 20 | 31 | 40 | 38 | 25 | 28 | 38 | 35 | 24 | 29 |
| 1916..... | 45 | 31 | 21 | 28 | 39 | 36 | 21 | 32 | 42 | 31 | 21 | 34 | 34 | 32 | 24 | 17 |
| 1917..... | 29 | 39 | 20 | 21 | 58 | 33 | 25 | 32 | 55 | 32 | 23 | 22 | 34 | 35 | 22 | 26 |
| 1918..... | 48 | 35 | 21 | 22 | 43 | 33 | 29 | 29 | 51 | 28 | 24 | 17 | 50 | 38 | 20 | 24 |
| 1919..... | 38 | 25 | 15 | 19 | 51 | 48 | 16 | 25 | 50 | 29 | 22 | 15 | 40 | 77 | 19 | 22 |
| 1920..... | 47 | 33 | 16 | 29 | 40 | 42 | 12 | 17 | 46 | 34 | 14 | 28 | 47 | 41 | 18 | 20 |

SUMMARY.

| Year. | Cases. | | Deaths. | | Total. | |
|------------------------------|--------|----------|---------|----------|--------|---------|
| | White. | Colored. | White. | Colored. | Cases. | Deaths. |
| 1901-1905 ¹..... | ..... | ..... | 354 | 438 | ..... | 792 |
| 1906-1910 ¹..... | ..... | ..... | 314 | 434 | ..... | 748 |
| 1911-1915 ¹ | 537 | 549 | 299 | 386 | 1,086 | 685 |
| 1916..... | 507 | 275 | 494 | 371 | 1,001 | 646 |
| 1917..... | 548 | 452 | 274 | 320 | 1,000 | 594 |
| 1918..... | 675 | 451 | 301 | 346 | 1,126 | 647 |
| 1919..... | 711 | 476 | 290 | 273 | 1,187 | 563 |
| 1920..... | 649 | 486 | 275 | 257 | 1,135 | 492 |

¹ Annual average for 5-year period.

TABLE 27.—*Typhoid fever: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|------|--------|--------|-------|--------|------------------------|-------|--------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 99 | 64 | 163 | 45.0 | 68.0 | 52.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1906-1910 ¹ | 73 | 46 | 119 | 30.0 | 48.0 | 35.0 | 660 | 237 | 897 | 274.3 | 244.9 | 265.9 | 11.0 | 19.6 | 13.0 |
| 1911-1915 ¹ | 33 | 26 | 59 | 12.9 | 26.4 | 16.7 | 343 | 137 | 480 | 134.4 | 139.4 | 135.0 | 9.6 | 19.0 | 12.3 |
| 1916..... | 25 | 21 | 46 | 9.6 | 21.2 | 12.7 | 212 | 96 | 308 | 81.3 | 96.8 | 85.5 | 11.8 | 21.9 | 14.9 |
| 1917..... | 15 | 34 | 49 | 5.1 | 33.1 | 12.4 | 216 | 122 | 338 | 73.6 | 118.0 | 85.0 | 7.0 | 27.9 | 14.5 |
| 1918..... | 21 | 27 | 48 | 6.7 | 25.8 | 11.5 | 136 | 81 | 217 | 43.5 | 77.4 | 52.0 | 15.4 | 33.3 | 22.1 |
| 1919..... | 11 | 5 | 16 | 3.2 | 4.4 | 3.5 | 114 | 37 | 151 | 33.5 | 32.3 | 33.2 | 9.6 | 13.5 | 10.6 |
| 1920..... | 18 | 11 | 29 | 5.5 | 10.0 | 6.6 | 129 | 30 | 159 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.TABLE 27a.—*Typhoid fever: Reported cases and deaths, by race and by months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 5 | ..... | ..... | ..... | 5 | ..... |
| February..... | 1 | 1 | ..... | ..... | 1 | 1 |
| March..... | 1 | ..... | 1 | 1 | 2 | 1 |
| April..... | 8 | ..... | ..... | ..... | 8 | ..... |
| May..... | 4 | ..... | 1 | 1 | 5 | 1 |
| June..... | 5 | 1 | 2 | ..... | 7 | 1 |
| July..... | 11 | 3 | 3 | 1 | 14 | 4 |
| August..... | 14 | 3 | 5 | ..... | 19 | 3 |
| September..... | 25 | 4 | 9 | 2 | 34 | 6 |
| October..... | 18 | 3 | 5 | 2 | 23 | 5 |
| November..... | 13 | 2 | 2 | 2 | 15 | 4 |
| December..... | 24 | 1 | 2 | 2 | 26 | 3 |
| Total..... | 129 | 18 | 30 | 11 | 159 | 29 |

TABLE 27b.—*Typhoid fever: Cases and deaths, with percentages of deaths to cases, at certain age periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1 to 4 years..... | 1 | ..... | ..... | 2 | ..... | ..... | 3 | ..... | ..... |
| 5 to 9 years..... | 13 | ..... | ..... | 3 | ..... | ..... | 16 | ..... | ..... |
| 10 to 19 years..... | 32 | 3 | 9.3 | 12 | 5 | 41.6 | 44 | 8 | 16.6 |
| 20 to 29 years..... | 47 | 6 | 12.8 | 6 | 1 | 16.6 | 53 | 7 | 13.2 |
| 30 to 39 years..... | 18 | 4 | 22.2 | 4 | 2 | 50.0 | 22 | 6 | 27.3 |
| 40 to 49 years..... | 9 | 2 | 22.2 | 1 | 1 | 100.0 | 10 | 3 | 30.0 |
| 50 to 59 years..... | 4 | 3 | 75.0 | 2 | 2 | 100.0 | 6 | 5 | 83.3 |
| 60 to 69 years..... | 3 | ..... | ..... | ..... | ..... | ..... | 3 | ..... | ..... |
| 70 years and over..... | 1 | ..... | ..... | 1 | ..... | ..... | 2 | ..... | ..... |
| Total..... | 128 | 18 | 14.1 | 31 | 11 | 35.5 | 159 | 29 | 18.2 |

TABLE 28.—*Whooping cough: Deaths and death rates, cases and case rates, per 100,000 population, and percentage of deaths to cases, according to race, from 1901 to 1920, inclusive.*

| Year. | Deaths. | | | Death rates per 100,000. | | | Cases. | | | Case rate per 100,000. | | | Percentage of deaths to cases. | | |
|------------------------------|---------|----|--------|--------------------------|------|--------|--------|-------|--------|------------------------|-------|--------|--------------------------------|-------|--------|
| | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. | W. | C. | Total. |
| 1901-1905 ¹ | 27 | 50 | 77 | 12.0 | 53.0 | 25.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1906-1910 ¹ | 15 | 23 | 38 | 6.0 | 24.0 | 11.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1911-1915 ¹ | 10 | 19 | 29 | 3.9 | 19.3 | 8.2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 1916..... | 17 | 24 | 41 | 6.5 | 24.2 | 11.4 | 1,612 | 612 | 2,224 | 617.9 | 617.3 | 617.3 | 1.9 | 9.6 | 4.0 |
| 1917..... | 8 | 10 | 18 | 2.8 | 9.7 | 4.6 | 885 | 125 | 1,013 | 301.7 | 124.7 | 255.8 | 1.1 | 3.9 | 1.8 |
| 1918..... | 18 | 25 | 43 | 5.8 | 23.9 | 10.3 | 1,450 | 299 | 1,749 | 463.5 | 283.6 | 419.0 | 1.2 | 8.4 | 2.5 |
| 1919..... | 3 | 16 | 19 | .9 | 13.9 | 4.2 | 725 | 180 | 905 | 212.7 | 157.0 | 158.7 | .4 | 8.8 | 2.2 |
| 1920..... | 11 | 5 | 16 | 3.4 | 4.6 | 3.7 | 1,075 | 132 | 1,207 | ..... | ..... | ..... | ..... | ..... | ..... |

¹ Annual average for 5-year period.TABLE 28a.—*Whooping cough: Reported cases and deaths, by race and months, during the calendar year 1920.*

| Month. | White. | | Colored. | | Total. | |
|----------------|--------|---------|----------|---------|--------|---------|
| | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| January..... | 5 | ..... | 9 | ..... | 14 | ..... |
| February..... | 13 | ..... | 1 | ..... | 14 | ..... |
| March..... | 24 | ..... | 5 | 1 | 29 | 1 |
| April..... | 67 | 1 | 4 | ..... | 71 | 1 |
| May..... | 93 | ..... | 6 | ..... | 99 | ..... |
| June..... | 169 | 2 | 14 | ..... | 183 | 2 |
| July..... | 274 | 2 | 20 | 1 | 294 | 3 |
| August..... | 165 | 3 | 24 | 2 | 189 | 5 |
| September..... | 79 | 1 | 13 | ..... | 92 | 1 |
| October..... | 61 | 1 | 12 | 1 | 73 | 2 |
| November..... | 63 | ..... | 11 | ..... | 74 | ..... |
| December..... | 62 | 1 | 13 | ..... | 75 | 1 |
| Total..... | 1,075 | 11 | 132 | 5 | 1,207 | 16 |

TABLE 28b.—*Whooping cough: Cases and deaths, with percentages of deaths to cases, at certain periods, during the calendar year 1920.*

| Age. | White. | | | Colored. | | | Total. | | |
|------------------------|--------|---------|---------------------------------|----------|---------|---------------------------------|--------|---------|---------------------------------|
| | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. | Cases. | Deaths. | Per-centage of deaths to cases. |
| Under 1 year..... | 107 | 5 | 4.7 | 15 | 1 | 6.6 | 122 | 6 | 4.9 |
| 1 to 4 years..... | 500 | 6 | 1.2 | 59 | 4 | 6.8 | 559 | 10 | 1.8 |
| 5 to 9 years..... | 418 | ..... | ..... | 48 | ..... | ..... | 466 | ..... | ..... |
| 10 to 19 years..... | 36 | ..... | ..... | 9 | ..... | ..... | 45 | ..... | ..... |
| 20 to 29 years..... | 6 | ..... | ..... | ..... | ..... | ..... | 7 | ..... | ..... |
| 30 to 39 years..... | 6 | ..... | ..... | ..... | ..... | ..... | 6 | ..... | ..... |
| 40 to 49 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| 50 to 59 years..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | ..... | ..... |
| 60 to 69 years..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 70 years and over..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 1,075 | 11 | 1.2 | 132 | 5 | 3.8 | 1,207 | 16 | 1.3 |

TABLE 29.—*Population and deaths, by race, in the District of Columbia from pneumonia, bronchitis, and congestion of the lungs, and from said diseases taken together, and showing also the death rate per 100,000 of each of such classes of deaths.*

| Calendar year. | Population. | | Pneumonia. | | | | Bronchitis. | | | |
|------------------------------|-------------|----------|------------|-------------------------|----------|-------------------------|-------------|-------------------------|----------|-------------------------|
| | | | White. | | Colored. | | White. | | Colored. | |
| | White. | Colored. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. |
| 1901-1905 ¹ | 217,606 | 93,719 | 219 | 101 | 288 | 307 | 55 | 25 | 80 | 85 |
| 1906-1910 ¹ | 249,244 | 96,696 | 246 | 102 | 304 | 314 | 61 | 25 | 67 | 69 |
| 1911-1915 ¹ | 255,369 | 98,453 | 262 | 103 | 285 | 289 | 51 | 20 | 42 | 43 |
| 1916..... | 260,854 | 99,143 | 305 | 117 | 299 | 302 | 39 | 15 | 38 | 38 |
| 1917..... | 293,329 | 102,618 | 330 | 113 | 396 | 298 | 40 | 14 | 19 | 18 |
| 1918..... | 312,806 | 104,599 | 715 | 229 | 583 | 557 | 54 | 17 | 38 | 36 |
| 1919..... | 340,796 | 114,632 | 315 | 92 | 320 | 278 | 42 | 12 | 25 | 22 |
| 1920..... | 327,595 | 109,976 | 468 | 143 | 400 | 354 | 40 | 12 | 35 | 32 |

| Calendar year. | Population. | | Congestion of lungs. | | | | Pneumonia, bronchitis, and congestion of lungs. | | | |
|------------------------------|-------------|----------|----------------------|-------------------------|----------|-------------------------|---|-------------------------|----------|-------------------------|
| | | | White. | | Colored. | | White. | | Colored. | |
| | White. | Colored. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. | Deaths. | Death rate per 100,000. |
| 1901-1905 ¹ | 217,606 | 93,719 | 33 | 15 | 25 | 27 | 307 | 141 | 393 | 419 |
| 1906-1910 ¹ | 249,244 | 96,696 | 27 | 11 | 13 | 13 | 334 | 139 | 384 | 397 |
| 1911-1915 ¹ | 255,369 | 98,453 | 13 | 5 | 7 | 7 | 326 | 128 | 334 | 339 |
| 1916..... | 260,854 | 99,143 | 5 | 2 | 4 | 4 | 349 | 134 | 341 | 344 |
| 1917..... | 293,329 | 102,618 | 11 | 4 | 2 | 2 | 381 | 159 | 327 | 319 |
| 1918..... | 312,806 | 104,599 | 7 | 2 | 3 | 3 | 776 | 248 | 624 | 566 |
| 1919..... | 340,796 | 114,632 | 7 | 2 | 2 | 2 | 364 | 107 | 347 | 303 |
| 1920..... | 327,595 | 109,976 | 4 | 1 | 1 | 1 | 512 | 156 | 436 | 397 |

¹ Annual average for 5-year period.TABLE 30.—*Births (stillbirths excluded) reported during the calendar year 1920, arranged by months, by race and sex, by number of children born, by legitimacy, and according to professional attendance.*

| Month. | Total. | White. | | Colored. | | Twins. | | Illegitimate. | | Attended by physicians. | | Attended by midwives. | |
|----------------|--------|--------|---------|----------|---------|--------|----|---------------|-----|-------------------------|-------|-----------------------|-----|
| | | Male. | Female. | Male. | Female. | W. | C. | W. | C. | W. | C. | W. | C. |
| January..... | 791 | 302 | 253 | 115 | 121 | 18 | 6 | 9 | 29 | 538 | 218 | 17 | 18 |
| February..... | 782 | 329 | 254 | 107 | 92 | 6 | 2 | 16 | 35 | 555 | 177 | 28 | 22 |
| March..... | 797 | 256 | 293 | 121 | 127 | 6 | 8 | 10 | 46 | 539 | 225 | 10 | 23 |
| April..... | 678 | 252 | 232 | 98 | 96 | 2 | 6 | 8 | 32 | 462 | 174 | 22 | 20 |
| May..... | 699 | 255 | 228 | 111 | 105 | 10 | 2 | 7 | 39 | 467 | 193 | 16 | 23 |
| June..... | 769 | 273 | 293 | 97 | 106 | 12 | 13 | 15 | 37 | 540 | 190 | 26 | 13 |
| July..... | 754 | 273 | 260 | 110 | 111 | 8 | 8 | 14 | 33 | 513 | 189 | 20 | 32 |
| August..... | 762 | 281 | 261 | 98 | 122 | 6 | 4 | 11 | 36 | 523 | 197 | 19 | 23 |
| September..... | 713 | 273 | 252 | 89 | 99 | 8 | 0 | 11 | 26 | 512 | 170 | 13 | 18 |
| October..... | 743 | 305 | 246 | 102 | 90 | 8 | 2 | 7 | 24 | 536 | 175 | 15 | 17 |
| November..... | 669 | 248 | 223 | 104 | 94 | 18 | 4 | 9 | 31 | 455 | 167 | 16 | 31 |
| December..... | 741 | 274 | 253 | 100 | 114 | 6 | 8 | 12 | 34 | 520 | 184 | 7 | 30 |
| Total.... | 8,898 | 3,321 | 3,048 | 1,252 | 1,277 | 108 | 53 | 129 | 402 | 6,160 | 2,259 | 209 | 270 |

¹ One set triplets.

TABLE 31.—*Reported births (stillbirths excluded) in institutions in the District of Columbia, by race and place of birth, during the calendar year 1920.*

| Institutions. | White. | Colored. | Total. |
|----------------------------------|--------|----------|--------|
| Casualty Hospital..... | 3 | 1 | 4 |
| Columbia Hospital..... | 891 | 318 | 1,209 |
| Emergency Hospital..... | 6 | 0 | 6 |
| Florence Crittenden Home..... | 36 | ..... | 36 |
| Freedmens Hospital..... | 1 | 320 | 321 |
| Garfield Hospital..... | 379 | 92 | 471 |
| Georgetown Hospital..... | 466 | 38 | 504 |
| George Washington Hospital..... | 173 | ..... | 173 |
| Homeopathic Hospital..... | 177 | ..... | 177 |
| Providence Hospital..... | 361 | 1 | 362 |
| St. Ann's Hospital..... | 26 | ..... | 26 |
| St. Elizabeths Hospital..... | 1 | ..... | 1 |
| Sun Shine Home Hospital..... | 1 | ..... | 1 |
| Sibley Hospital..... | 1,043 | ..... | 1,043 |
| Walter Reed Hospital..... | 108 | ..... | 108 |
| Washington Asylum Hospital..... | 9 | 60 | 69 |
| Washington Sanitary Mission..... | 10 | ..... | 10 |
| Tuberculosis Hospital..... | ..... | 1 | 1 |
| Total..... | 3,691 | 831 | 4,522 |

TABLE 32.—*Births (stillbirths excluded) reported in the District of Columbia, arranged by race and by legitimacy and illegitimacy, and number of multiple births for the years mentioned.*

| Calendar years. | Legitimate. | | | Illegitimate. | | | Total. | | | Twins. | | | Triplets. | | |
|------------------------------|-------------|----------|--------|---------------|----------|--------|--------|----------|-------|--------|----------|--------|-----------|----------|--------|
| | White. | Colored. | Total. | White. | Colored. | Total. | White. | Colored. | All. | White. | Colored. | Total. | White. | Colored. | Total. |
| 1896-1900 ¹ | 2,712 | 1,380 | 4,092 | 86 | 491 | 577 | 2,798 | 1,871 | 4,669 | 71 | 42 | 113 | 1 | ..... | 1 |
| 1901-1905 ¹ | 3,335 | 1,499 | 4,834 | 95 | 481 | 576 | 3,430 | 1,980 | 5,409 | 72 | 52 | 124 | 1 | ..... | 3 |
| 1906-1910 ¹ | 4,533 | 1,786 | 6,319 | 99 | 482 | 581 | 4,632 | 2,268 | 6,900 | 84 | 46 | 130 | 1 | 1 | 2 |
| 1911-1915 ¹ | 4,690 | 1,769 | 6,459 | 104 | 464 | 568 | 4,794 | 2,234 | 7,028 | 78 | 52 | 130 | 1 | 1 | 2 |
| 1916..... | 4,961 | 1,813 | 6,774 | 81 | 403 | 484 | 5,042 | 2,216 | 7,258 | 83 | 45 | 128 | ..... | ..... | ..... |
| 1917..... | 5,171 | 1,809 | 6,980 | 120 | 419 | 539 | 5,291 | 2,228 | 7,519 | 84 | 54 | 138 | 1 | ..... | 1 |
| 1918..... | 5,978 | 1,814 | 7,792 | 85 | 344 | 429 | 6,063 | 2,158 | 8,221 | 112 | 56 | 168 | ..... | 1 | 1 |
| 1919..... | 5,854 | 1,881 | 7,735 | 110 | 386 | 496 | 5,964 | 2,267 | 8,231 | 136 | 46 | 180 | 1 | ..... | 1 |
| 1920..... | 6,240 | 2,127 | 8,367 | 129 | 402 | 531 | 6,369 | 2,529 | 8,898 | 108 | 50 | 158 | ..... | 1 | 1 |

¹ Annual average for 5-year period.

TABLE 33.—Stillbirths reported in the District of Columbia during the calendar year 1920 by race and sex, and certain data relative thereto.

| | White. | | | Colored. | | | Unknown race. | | | Total. |
|------------------------------|--------|---------|-------------------|----------|---------|-------------------|---------------|---------|-------------------|--------|
| | Male. | Female. | Sex un- known. | Male. | Female. | Sex un- known. | Male. | Female. | Sex un- known. | |
| Legitimacy: | | | | | | | | | | |
| Legitimate..... | 118 | 90 | 3 | 95 | 94 | 4 | | | | 404 |
| Illegitimate..... | 2 | 2 | 1 | 32 | 32 | 1 | | 1 | | 71 |
| Unknown..... | | | | | | | 23 | 20 | 20 | 63 |
| Total..... | 120 | 92 | 4 | 127 | 126 | 5 | 23 | 21 | 20 | 538 |
| Period uterogestation: | | | | | | | | | | |
| 4 months and under..... | 10 | 12 | 2 | 2 | 7 | | 2 | 1 | 17 | 53 |
| 5 months..... | 7 | 2 | | 5 | 5 | | 7 | 2 | 2 | 30 |
| 6 months..... | 14 | 6 | | 15 | 12 | 2 | 3 | 7 | | 59 |
| 7 months..... | 9 | 14 | | 23 | 18 | 1 | | 2 | 1 | 68 |
| 8 months..... | 18 | 16 | 1 | 22 | 24 | 2 | 5 | 3 | | 91 |
| 9 months..... | 29 | 20 | 1 | 42 | 48 | | 5 | 6 | | 151 |
| 10 months..... | 33 | 22 | | 18 | 12 | | 1 | | | 86 |
| Total..... | 120 | 92 | 4 | 127 | 126 | 5 | 23 | 21 | 20 | 538 |
| Causes: | | | | | | | | | | |
| Anencephalus..... | | 3 | | | | | | | | 3 |
| Asphyxia neonatorum..... | 3 | 1 | 1 | 3 | 4 | | | | | 12 |
| Congenital debility..... | 3 | 1 | | | | | | | | 4 |
| Compressed cord..... | 7 | 2 | | | 1 | | | | | 10 |
| Cord around neck..... | 1 | 2 | | | 1 | | | | | 4 |
| Caesarian section..... | 1 | | | | | | | | | 1 |
| Contracted pelvis..... | | 1 | | 3 | 2 | | | | | 6 |
| Dry labor..... | 3 | | | | | | | | | 3 |
| Difficult labor..... | 5 | 2 | | 4 | 2 | | | | | 13 |
| Dystocia..... | | 2 | | 2 | 1 | | | | | 5 |
| Eclampsia (maternal)..... | 1 | 1 | | | 1 | | | | | 3 |
| Fibroids, uterine..... | 1 | | | | | | | | | 1 |
| Hydranmios..... | 1 | 1 | | | | | | | | 2 |
| Hydrocephalus..... | 3 | 1 | | | | | | | | 4 |
| Illness of mother..... | 10 | 5 | | 2 | 3 | 1 | | | | 21 |
| Impacted head..... | 1 | | | | | | | | | 1 |
| Malformation..... | 1 | | | | | | | | | 1 |
| Malpresentation..... | 2 | 6 | | 2 | 2 | | | | | 12 |
| Monster..... | | 1 | | | 1 | | | | | 2 |
| Maternal injury..... | | | | 1 | 2 | | | | | 3 |
| Overexertion (maternal)..... | | | | 2 | 4 | | | | | 6 |
| Prematurity..... | 4 | 1 | | 4 | 3 | | | | | 12 |
| Placenta preia..... | 4 | 8 | | 4 | 2 | 1 | | | | 19 |
| Peolapsed cord..... | 5 | 3 | | 1 | 3 | | | | | 12 |
| Ruptured uterus..... | 1 | | | | 1 | | | | | 2 |
| Separation, placental..... | 9 | 4 | 1 | 2 | 1 | | | | | 17 |
| Syphilis..... | | | | 7 | 5 | | | | | 12 |
| Tumor, umbilical cord..... | | 1 | | | | | | | | 1 |
| Unknown..... | 54 | 46 | 2 | 90 | 87 | 3 | 23 | 21 | 20 | 346 |
| Total..... | 120 | 92 | 4 | 127 | 126 | 5 | 23 | 21 | 20 | 538 |

